

# Mrs. Najma K

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🌐 Najma K

🌐 <https://www.icet.ac.in/faculties/29/staff-profile>



## Employment History

- Nov 2024 – ..... 📌 **Assistant Professor**, Department of Food Technology, Ilahia College of Engineering and Technology
- Dec 2023 – Nov 2024 📌 **Assistant Professor** Department of Food Technology, T.K.M. Institute of Technology

## Education

- 2020 – 2022 📌 **Post Graduation, NIFTEM, Thanjavur:** M.Tech in Food Process Technology  
Thesis title: *Study on Removal of Aflatoxin Content in Dried chilly (Capsicum Annum) by Non Thermal Technique(UV, LED and Atmospheric Plasma)*
- 2015 – 2019 📌 **Under Graduation, Kerala Veterinary and Animal Sciences University:** B.Tech in Food Technology.  
Project title: *Development of Value Added Food Products from Fruit Waste.*

## Research Publications

### Journal Articles

- 1 K. Najma, T. Nirmal, *et al.*, “Application of light based non-thermal techniques to determine physico-chemical characteristics, pungency and aflatoxin level of dried red chilli pods(capsicum annum),” *Journal of Agriculture and Food Research*, vol. 13, no. 100648, 2023.
- 2 L. Kavitha, K. Najma, *et al.*, “Effect of different thermal and non thermal pre treatments on bioactive compounds of aqueous ginger extract obtained using vacuum assisted conductive drying system dried red chilli (capsicum annum),” *Journal of Food Process Engineering*, no. 14223, pp. 1–12, 2022.
- 3 K. Najma, T. Nirmal, *et al.*, “Effect of non thermal techniques(uv,led, atmospheric plasma on proximate composition vitamin c and functional group of dried red chilli (capsicum annum),” *The Pharma Innovation*, vol. 11/7, no. 100648, pp. 4705–4709, 2022.

### Books and Chapters

- 1 L. Kavitha, S. Susmitha, and K. Najma, *Non Thermal Technologies for the Food Industry Advances and Regulations*. CRC Press, 2024.

## Skills

- Languages 📌 Strong reading, writing and speaking competencies for English and Malayalam
- Misc. 📌 Academic research, teaching,  $\LaTeX$  typesetting and publishing.

## Miscellaneous Experience

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### Awards and Achievements





2024  **Merit Award, 100% Result in KTU University B.Tech result**

### Seminars

2025  **Attended FDP on Integrating Agotech with Modern food Preservation strategies in Feb 2025, NIT Trichy**

 **Attended FDP on Emerging Technologies in Cost Harvest Management and Value Addition of Horticultural Commodities in Feb 2025, NIFTEM-K**

### Duties/Responsibilities

-  **Department Exam Cell Coordinator**
- 2024  **Mentor 2024-28 Food Technology Batch**
- 2025  **Department ETLAB Coordinator**
-  **Department Timetable Coordinator**

## References

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**Dr. Shaina Beegam N.**  
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