

## Manisha Thakur



**Assistant Professor**  
**Department of Food Technology**  
**Bhaskaracharya College of Applied**  
**Sciences, University of Delhi**

**Phone:** +91-8766468232

**Email:** [manisha.thakur@bcas.du.ac.in](mailto:manisha.thakur@bcas.du.ac.in)

**LinkedIn:** [www.linkedin.com/in/manisha-thakur-b84915120](http://www.linkedin.com/in/manisha-thakur-b84915120)



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## PROFILE

A seasoned professional, working with Delhi University as an Assistant Professor in the Department of Food Technology, Bhaskaracharya College of Applied Sciences. Result driven and self-motivated person with dynamic experience in corporate and teaching in the field of food science and technology with an eminent background of Master's in Food Technology from Central Food Technological Research Institute (CFTRI), Mysore.

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## EDUCATION

Sr. No	Degree	University	Year	Title
1	Doctor of Philosophy (PhD.)	Jamia Hamdard University, New Delhi	Perusing (enrolled in 2022)	<i>Thesis title: "To Evaluate the Nutraceutical Properties of Nettle Plant For its Potential in Food Application"</i>
2	Masters in Food Technology	Food Technology from Central Food Technological Research Institute (CFTRI), Mysore	2017	Food Technology
3	Bachelors in Food Technology	Bhaskaracharya College of Applied Sciences, University of Delhi	2015	Food Technology

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## WORK EXPERIENCE

Sr. No	Workplace	Designation	Work Tenure
1	Bhaskaracharya College of Applied Sciences, University of Delhi	Assistant Professor (Adhoc)	Sep 2021-Present
2	Shine Road Foods India Pvt. Ltd. (Sonipat, Haryana)	Assistant Manager (R&D)	Oct 2020 – Sep 2021

3	Tasty Bite Eatables Ltd., A Mars Company (Pune, Maharashtra)	Senior Executive	Jul 2017 – Sep 2020
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**Teaching experience- 3 Years 5 months**

**Industrial Experience- 4 years**

### **PROFESSIONAL EXPERTISE**

- **Completed Faculty development program** on “Effective Teaching through E-Content development and Online Pedagogy” from 30 May to 3 June 2024 organized by AIU-IU-AADC. Integral University and the Association of Indian Universities
- **Successfully completed the 5 day Faculty Development Program** on “Effective Teaching through E-Content development and Online Pedagogy” from 30 May to 3 June 2024 organized by AIU-IU-AADC.
- **Faculty coordinator in a DBT project in collaboration with Hindu College, University of Delhi** on Development of food fortification programs for combating micronutrient deficiencies of public health.
- Participated in **three day annual conclave of Youth united for vision and action (YUVA)**.
- **Faculty Convenor for organizing Alumni meet** on 21st December 2024 in collaboration with alumni committee and alumni society of Bhaskaracharya College of Applied Sciences.
- **Organised a visit as a faculty coordinator** to attend World Food India 2024, On 19 September 2024, held at Pragati Maidan, New Delhi.
- **Participated & deliberated** upon establishing the guidelines for Continuous Assessment for the courses under the Theme “Food Technology” in a Two-day workshop on “ESTABLISHMENT OF MODALITIES FOR SKILL ENHANCEMENT COURSES” organised by Skill Enhancement Course Committee, University of Delhi, on 4-5th March, 2024 in Conference Centre, University of Delhi.
- **Member** in curriculum structuring for National education policy (NEP) 2022
- **Member** of NAAC Task force team (College Profile, Criterion II, Criterion VI and Extended profile) at Bhaskaracharya College of Applied Sciences, University of Delhi.
- **Member of IQAC team** (Criterion II, Criterion VI and Extended profile) and involved in handling Academic Audit.
- **Member** in formulating course framework for Chemistry of Food, Entrepreneurship management, Agri-Business management of UGCF-NEP 2023.
- **Member** in documenting Academic Audit and NIRF audits.
- **Invited speaker** for a talk on Nutritional importance of Nutraceutical and functional foods organised by Council for Promotion, Research and Trade in Traditional Foods (CPRTTF) on Sep 16, 2023.
- **Resource person** for one day National workshop ‘Hands on training to increase the shelf life of fruits and vegetables by using innovative food preservation and packaging technologies’ July 03-11, 2023.
- **Resource person** for 5 Day Basic short-term training course on ‘Bakery Science and Technology’ organised by the department from December 19-23, 2022.
- **Resource person** for one day National workshop ‘Hands on training on preservation of fruits and vegetables by using preservation technologies to increase the shelf life’ July 4-12, 2022.
- **Resource person** for one day National workshop ‘Hands on training on preservation of fruits and vegetables for skill enhancement and entrepreneurship development’ empowering beneficiary of SIDDHI self-help group under VAIDEHI program of LAKSHYA organized by the college on August 5, 2022
- **Resource Person** workshop on ‘Rapid Detection of Food Adulteration’ organized for the homemakers

Women Development Cell, Bhaskaracharya College of Applied Sciences, University of Delhi collaboration with FSSAI in April 2022.

- **Resource Person** during the workshop on ‘Rapid Detection of Food Adulteration’ organized for the homemakers Women Development Cell, Bhaskaracharya College of Applied Sciences, University of Delhi in April 2022
- **Resource Person** during the workshop on ‘Rapid Detection of Food Adulteration’ organized by Bhaskaracharya College of Applied Sciences, University of Delhi in February 2022.
- **Coordinated and organised** numerous seminars, webinars and quizzes at college, university and National levels both virtual and physical modes
- **Resource Person** for a lecture delivered on Thermal Processing Technology and Its Industrial Application **(Uploaded on YouTube)**
- **Member**, Delhi Food Processing Council (WICCI).
- **Recipient** of Undergraduate-University of Delhi Innovation Project on Probiotics in 2014-15.

## PUBLICATIONS

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- Habib, M., Thakur, M., Jan, S., Bashir, K., & Jan, K. (2024). Starch-based food packaging. In Biodegradable and Edible Food Packaging (pp. 139-176). Academic Press.
- Singh,S.,Habib,M.,Mondal, D.,Thakur,M.,Kumar,Y., Jan, S., Bashir, K., Jan, K.,(2024).Effect of germination on the physicochemical ,thermal,in vitro protein digestibility,Antinutrients and antioxidants properties of sorghum Flour (2024) International journal of Food Science & Technology. <http://doi.org/10.1111/ijfs.17399>
- Singh,S.,Thakur ,M., Habib,M., Jan, S., Bashir, K., Jan, K.,(2024).Revolutionizing beverage preservation:A deep dive into non thermal techniques for extended shelf life and sustainable industrial practices.In Non-thermal processing of functional foods.Routledge taylor and francis group.
- Singh,S.,Mondal, D.,Thakur ,M., Habib,M., Jan, S., Bashir, K., Jan, K.,(2024).Emerging trends in nutraceutical research :Role of Minerals .In Functional foods and nutraceuticals : Chemistry health benefits and the way forward. World Sustainability Series. Springer
- Thakur,M.,Singh,S., Jan, S., Bashir, K., Jan, K. Utilization of Food Wastes and by-products : An overview.Apple academic press (2024)
- Sehgal, S., Aggarwal, S., Saini, A., Thakur, M., & Soni, K. (2022). Smart Monitoring and Surveillance of Food Contamination. In Smart and Sustainable Food Technologies (pp. 263-285). Singapore: Springer Nature Singapore.
- Sehgal, S., Dhewa, T., Bansal, N., & Thakur, M. (2016). Probiotic drugs and labeling practices in Indian market. Delhi Univ J Undergrad Res Innov, 2(1), 166-70.

## CERTIFICATIONS

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- **Certified** with ISO 22000:2018 Food Safety Management Systems (FSMA), July 2020
- **Certified** with ISO 9000:2015 Quality management system auditor course, May 2019
- **Certified** with National Eligibility Test for Assistant Professor, Jan 2017 under *National Education Testing Bureau, University Grants Commission*

- **Certified** with FSPCA- Preventive Control for Human Food, Jan 2017, *IFSH, IFPTI & AFDO*
- **Certified** Internal Auditor Training on HACCP, March 2019 certified by *SGS India Pvt. Ltd.*

## POSTER/PAPER PRESENTATION AND PUBLICATIONS

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- **Paper Presentation** at International conference on “*HUNGER to hope: Building a sustainable Future through nutrition and Food Security*” organized by Centre for Environment and Eustainable development, Jamia Hamdard on October 16, 2023.
- **Presented a poster at world food day** conclave food for all on October 16, 2024 at PhD House, New Delhi.
- **Poster presentation** in the International Conference on “*Emerging Technologies in Food Processing-III (ETFP-2023)*” organized by the Department of Food Processing Technology, Ghani Khan Choudhury Institute of Engineering and Technology, Malda, West Bengal during 26th-27th Sept, 2023.
- **Poster presentation** in the *WORLD ENVIRONMENT SUMMIT 2022* as Delegate and presented a Paper (Poster) entitled *Computational Gastronomy: The Digital Food World during technical session October 16, 2022.*

## WORKSHOPS/SEMINARS/WEBINARS

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- Attended National workshop ‘Hands on training to increase the shelf life of fruits and vegetables by using innovative food preservation and packaging technologies’ July 03-11, 2023.
- Attended India’s G20 Presidency: Goals and Prospects in Higher Education webinar held on May 10, 2023
- Attended One week National workshop on ‘Capacity Building for enhancing administrative efficiency for teaching and Non-Teaching staff of higher education staff’ from January 16-20, 2023
- Attended 2 –Days Workshop on Research Proposal Writing from January 4-5, 2023.
- Coordinated a workshop on “Tiffin based recipes (Confectionery and millets)” held on November 24, 2022.
- Attended National Workshop on “Hands on training on preservation fruits and Vegetables for skill enhancement and entrepreneurship development” empowering beneficiary of SIDDHI self-help group under VAIDEHI program of LAKSHYA on August 5, 2022, New Delhi.
- Attended 7-Day National Workshop on “Hands on training on processing of fruits and Vegetables by using preservation technologies to increase shelf life” from July 4-12, 2022, New Delhi
- Coordinated 7-Day National Workshop on “Hands on training on processing of fruits and Vegetables by using preservation technologies to increase shelf life” from July 4-12, 2022, New Delhi
- Coordinated for the workshop on “Detection of Food Adulterants” held on April 27, 2022
- Attended One day National seminar on Financial Literacy: Basics, Issues and Challenges funded by Indian council of social science Research (ICSSR), Ministry of Education, Govt. of India and SBI Held on April 21, 2022.
- Attended Webinar on “Social Equality , Social Justice and National Development” held on April 04, 2022.

- Attended panel discussion on Food Technology: The Future Ahead held on January 15, 2022.
- Attended national webinar on the topic “Role of National Education Policy in Empowering Qualities in Youth of 21st Century” organised by Vivekanand Vichar Manch, to celebrate “National Youth Day” (on the occasion of Swami Vivekanand Jayanti) under the aegis of IQAC on January 12, 2022

## PROJECTS

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- Expert in the Department of Biotechnology (DBT) Project entitled "Development of food fortification programs for combating micronutrient deficiencies of public health" started in Jan 2024
- Team lead -Low fat whipped cream development & stability improvement at Shine Road Foods India Pvt. Ltd.
- Team lead-Fruit crush development at Shine Road Foods India Pvt. Ltd.
- Prepared HACCP-Food Safety Plan in Tasty Bite Eatables Ltd.
- Continuous Improvement to enhance the efficiency of Operations and Quality of the Sauces & RTH Products (Mars Foods) with Australian experts.
- Dissertation and Investigation on Maize Processing and Development of New Product (CFTRI, 2016).
- Recipient of Undergraduate-University of Delhi Innovation Project on Probiotics in 2014-15.

## TRAININGS

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- International Flavors & Fragrances (Gurugram) (2016)
- Q & T FOODS & Ingredients, New Delhi (2015)
- Taj Hotel, New Delhi (2014)

## REFERENCES

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- **Prof. Eram S.Rao**  
Professor, Bhaskaracharya College of Applied Sciences  
University of Delhi  
(Ph.D Co-Guide)
- **Dr. Kulsum Jan**  
Assistant Professor, Jamia Hamdard  
New Delhi  
(Ph.D Guide)
- **Prof. Meera**  
Principal Scientist, Department of Grain Science & Technology  
CFTRI, Mysore  
(M.Sc. Investigation Guide)

## PERSONAL DETAILS

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Marital Status: Married

Birthday: August 22, 1994

Nationality: Indian

Gender: Female

**Declaration**

I, Manisha Thakur, hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.

A square box containing a handwritten signature in black ink. The signature is cursive and appears to read 'Manisha Thakur'.

Manisha Thakur