

**Er. Ankur Trivedi**

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**Research Areas:** Traditional Indian dairy products, Non-bovine milk, Mathematical modeling, Milk protein concentrate, Whey protein concentrate, By-product utilization and Functional dairy foods.

### **Qualifications**

- B.Tech. (Dairy Technology) from Chandra Shekhar Azad University of Agriculture & Technology, Kanpur
- M.Tech. (Dairy Technology) from the Institute of Agriculture Sciences, Banaras Hindu University, Varanasi
- NET (Dairy Technology) by ASRB, New Delhi

### **Conferences/Workshops/Life Membership**

- Attended a One-day Workshop on “Intellectual property Rights in Agricultural Research” Sponsored by the Council of Science and Technology U.P. Science and organized by, College of Agriculture, SVPUAT, Meerut on 07 Dec 2024.
- Attended the International Conference on “Emerging Paradigms Shifts in Food Dairy Processing: Advances in Food, Safety, Quality, and Sustainability” organized by DSFT, BHU Varanasi associated with the Indian Dairy Association and Association of Food Scientist & Technologists on 25-26 October 2024.
- Attended national workshop on “Application of Artificial Intelligence and Machine Learning at Dairy and Food Industry” at ICAR-NDRI, Karnal on July 31, 2024.
- Attended a High-End Workshop 11 days (Karyashala) on “Advanced Biosafety Practices for Handling & Detection of Foodborne Pathogens” Sponsored by Science and Engineering Research Board (Accelerated Vigyan Scheme) organized by Dairy Microbiology Division, ICAR-NDRI, Karnal on 8 May-17 May 2024.
- Attended a One-day National Workshop on “Recent Advances in Tool and Technique for Food Quality and Safety” at the University of Horticulture Sciences, Bagalkot, Karnataka on 16<sup>th</sup> April 2024.
- Attended and presented a poster on “Value added sugar *peda* enriched with flaxseed powder” at the “50<sup>th</sup> Dairy Industry Conference” organized by the Indian Dairy Association (South Zone) held at Hyderabad, on 04-06 Mar. 2024.
- Attended and presented a Hindi poster on “*Alsi ke tel se sambrdh dudh peda ka gunvatta mulanykan*” at the “*Hindi shodhrata Poster Pratiyogita*” organized by Hindi Cell, ICAR-NDRI Karnal, on 22 Sep. 2023.
- Attended and presented a poster on “Study on the enhancement of shelf life of *peda* manufactured from flaxseed powder” at “International Conference on Contemporary Multidisciplinary Issues in Applied Science and Humanities, Agriculture, Animal Health & Production, (ASHAA-2022)” held at RGSC BHU, on 14-15 November, 2022.
- Attended XV Agricultural Science Congress & ASC EXPO 2021 on “Energy and Agriculture: Challenges in 21st Century” conducted by BHU, Varanasi on 13-16 Nov. 2021.
- Attended International seminar on “Industry-Academia Partnership: A step towards health and wealthy Nation” conducted by DSFT, BHU Varanasi on 30 October 2021.
- Life Membership of Indian Dairy Association, New Delhi
- Annual Membership of AFSTI, Mysore

## Training

- 11 days High-End Workshop (Karyashala) on “Advanced Biosafety Practices for Handling & Detection of Foodborne Pathogens” Sponsored by Science and Engineering Research Board (Accelerated Vigyan Scheme) organized by Dairy Microbiology Division, ICAR-NDRI, Karnal on 8 May-17 May 2024.
- 21 days Summer School on “Current Developments in Dairy Science and Technology” organized by Sanjay Gandhi Institute of Dairy Technology, Patna and National Agriculture Development Cooperative Ltd., Baramulla on 02-22 July 2024.

## Work Experience

- Worked as a trainer at Namaste Indian Food Pvt. Ltd, Kanpur, Uttar Pradesh from 24/04/2022 to 28.02.2023.
- Worked as MCC In-charge in C.P. Milk Food Pvt. Ltd. (Gyan Dairy) Lucknow, Uttar Pradesh from 13.05.2019 to 20.08.2020.
- Hand-on training experience, as a trainee at Banas Dairy Kanpur from 05.01.2019 to 13.05.2019.
- In-plant Training experience, as a trainee at Vidya Dairy Anand (SMC College of Dairy Science) Anand, Gujarat from 01.07.2018 to 30.12.2018.

## Publications

- Maurya, S., Verma, T., Aggarwal, A., Singh, M. K., Tripathi, A. D., & **Trivedi, A.** (2024). Metabolomics and microscopic profiling of flaxseed meal-incorporated Peda. *Food Chemistry: Molecular Sciences*, 9, 100217.
- Trivedi, A., Verma, T., Somveer, B. L., & Aggarwal, A. (2023). Simulating techniques for storage study of dietary peda enriched with flaxseed powder. *International Journal of Statistical and Applied Mathematics*, 8(5), 876-879.
- Trivedi, A., Verma, T., Deshmukh, R., Somveer, & Aggarwal, A. (2023). Flaxseed enriched dietary Peda: A nutritious delight with flaxseed powder. *International Journal of Advance Biochemistry Research*, 7 (1), 284-287
- Trivedi, A., Verma, T., Somveer, B. L., & Aggarwal, A. (2023). Impact of flaxseed powder on sensory and microbiological properties of dietary Peda. *The Pharma Innovation Journal*, 12(10), 1164-1168.

## Awards

- Recipient of Young Scientist Award
- Recipient of ICAR-NDRI Institute Fellowship in Ph.D. program
- 2<sup>nd</sup> Prize poster presentation in Hindi Cell ICAR-NDRI, Karnal
- Recipient of the Rajypal Prize by Uttar Pradesh Bharat Scouts and Guide
- 2<sup>nd</sup> Prize in Hindi Essay writing competition held at Hindi cell ICAR-NDRI, Karnal