

Ms. Ayantika Das

Email: ayantikadas51@gmail.com

Mob No: +918013892513

Career Objective

Aspire to contribute to academic and research excellence by leveraging expertise in dairy technology, microbiology, and functional food innovation, fostering both institutional growth and personal development.

Job profile:

- **Assistant Professor** (05/08/25 - till date), **A D Patel Institute of Technology, CVM University**, Anand, Gujarat
- **Assistant Professor** (12/06/23 - 01/08/25), **Parul Institute of Technology, Parul University**, Vadodara, Gujarat
- **Microbiologist** (01/02/23 – 30/05/23), **TWC Services, Co-packer of Tata Consumers Products Ltd.**, Siliguri, West Bengal

Professional Qualification

- **M. Tech - Dairy Microbiology** (2020-22) ICAR - National Dairy Research Institute, Karnal, Haryana
- **B. Tech - Dairy Technology** (2016-20) West Bengal University of Animal & Fishery Sciences, Belgachia, Kolkata, West Bengal

Research Work:

- ✓ M.Tech thesis entitled:- **“Surveillance of heat desiccated and acid coagulated dairy products for antibiotic resistant bacterial pathogens”**
- ✓ **Supervised Research Projects** for M.Sc. students on *“Development of Foxtail Millet-Based Paneer”* and *“Development of Prebiotic Ragi Kulfi”*
- ✓ **Research areas:** Functional Foods & Probiotics with a Focus on Fermented Dairy and Millet-Based Products; Foodborne Pathogens and Antimicrobial Resistance

Publications

- **Das, A., & Bhoite, H.** (2026). Development and evaluation of prebiotic enhanced ragi kulfi. *International Journal of Agriculture and Food Science*, 8(2), 202–206. <https://doi.org/10.33545/2664844X.2026.v8.i2c.1185>
- **Namata, H., & Das, A.** (2025). A Review on Foxtail Millet Milk: Functional and Nutritional Aspects. *Asian Journal of Current Research*, 10(2), 91–103. <https://doi.org/10.56557/ajocr/2025/v10i29262>
- **Das, B., Kele, V. D., Das, A., Rana, K. P., Rani, R., & Adil, S.** (2025). From Tradition to Innovation: A Review of Misti Dahi (Sweetened Curd) as a Probiotic-Rich Functional Dairy Product. *European Journal of Nutrition & Food Safety*, 17(5), 84–93. <https://doi.org/10.9734/ejnfs/2025/v17i51710>
- **Das, A.** (2024). Recent Advances on Kulfi-a Popular Indian Frozen Dessert. *Available at SSRN 4777683*.
- **Divanshi, M., Das, A., & Hv, R.** (2024). Quality control and risk assessment of food storage and packaging. In *Food Safety* (pp. 25-40). CRC Press.

Conference Presentations

- E-Poster presented at **Southern Dairy & Food Conclave (SDFC 2026), organized by IDA South Zone**, Kozhikode, Kerala, on “*Prevalence of Antibiotic-Resistant Bacterial Pathogens in Indigenous Dairy Products*”

Seminar/Conference attended

- Attended a one week Faculty Development Program on ‘Generative AI in Academia: Transforming Teaching, Research and Administration’ organized by the Department of Computer Engineering, ADIT, CVM University during 5th - 9th January, 2026.
- Attended IDA seminar at WBUAFS, Mohanpur Campus and participated in Food and Dairy Quiz held at WBUAFS and debate/elocution competitions
- Attended Surakshit Khadya Abhijan for FSSAI at CII-Suresh Neotia Centre of Excellence for leadership, Kolkata
- Attended 3 days Hands On workshop on “IoT and AI Application in Agriculture, Dairy & Food Sector” on 20th – 22nd August, 2024 organized by Department of Dairy & Food Technology, Parul University, Vadodara
- Attended National Workshop on "Unleashing the Potential of Millets," held on 28th February - 1st March, 2025
- Attended 3 days workshop on “Exploring The Final Frontier: Innovations and Challenges” in Space Food Technology organized by Department of Dairy & Food Technology, Parul University, Vadodara

Training Programme

- Completed six months In-plant training at Prabhat Dairy, Maharashtra during the period of 1st August, 2019 to 30th Jan, 2020
- Completed one month In-Plant Training at Central Dairy, Kolkata during the period of 15th June to 15th July, 2018
- Completed one month In-Plant Training at Red Cow Dairy, Kolkata during the period of 15th June to 15th July, 2017
- Completed 10 days Teacher Training Sensitization Programme “UGC-MALAVIYA MISSION TEACHER TRAINING CENTRE”, from Banaras Hindu University during the period of 18th Feb to 27th Feb, 2025

Certifications & Achievements

- **UGC NET (Home Science)** – Cleared in Dec 2022, issued by National Testing Agency (NTA)
- **ICAR NET (Dairy Microbiology)** – Cleared in May 2023, issued by Agricultural Scientists Recruitment Board (ASRB)
- Recognized as a Peer Reviewer for *The Microbe*, Elsevier, and awarded a Reviewer Certificate for contribution to scientific publishing.
- Received 3rd position in Elocution in Inter-Faculty Sports and cultural meet, 2019 at West Bengal University of Animal & Fishery Sciences, Mohanpur, Nadia
- Received 2nd position in Tech Expo, 2024 as a mentor at Parul University, Vadodara
- Acted as a Faculty coordinator for “Modern Agriculture Expo and Integrated Farming Seminar” held in Parul University, Vadodara in January, 2025
- Designed and Developed E-learning Curriculum for the subject **Microbiology of Dairy Products**, in Parul University, Vadodara

Declaration: I hereby inform you that above information are correct according to best of my knowledge.

(AYANTIKA DAS)