

# Dr. Anusha R

Designation: Assistant Professor

Qualification: Ph.D. Food technology

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She is a food technologist with 15 years of industrial and research experience. She completed her Ph.D. in food technology from Amity university Rajasthan. Her major area of interest includes Strategic quality assurance, Quality-controlled processing, Hygiene operations, Product and process improvement, Security policies and standards, Consulting, training and development, Project management, Resource mobilizing, Customer service and Food safety management system.

## **Educational Qualification:**

Ph.D. Food technology

M.Sc. Food science and technology

B.Sc. Microbiology

## **Professional experience:**

1. **VKS VERVE. NECTARS PVT.LTD**, KINFRA Techno Industrial Park, Kakkencherry Malappuram (March 2013 to August 2018. & April 2019 to February 2023).

### Quality Assurance manager

Job profile:

- Food safety team leader of the company.
- Responsible for monitoring and maintaining quality combined targets.
- Responsible and authorized to plan, maintain, implement and review the food safety management system.
- Identify the training needs of the employees and arrange training to improve work efficiency.
- Responsible to contact all statutory and legal bodies and all external communications.
- Authorized to convene team meetings as and when required.
- Responsible and authorize to release goods.
- Responsible to recall products in case of non-conforming products.
- Responsible to initiate the record actions relating to food safety and ISO 22000:2018.

2. **SAFI INSTITUTE OF ADVANCED STUDY**, Vazhayoor, Kozhikode.  
September 2018 to March 2019, February 2023 to till date

### Assistant professor, Department of Food technology

3. **CENTRAL PLANTATION CROPS RESEARCH INSTITUTE (CPCRI)**, Kasaragod. (March 2010 to December 2011)

### Senior Research Fellow

Under a time-bound National Agricultural Innovation Project (NAIP) named 'Value chain in

Coconut'

Job profile:

- Developing various value-added products from coconut.
- Analyzing the nutritional facts of the developed products.
- Identification of women self-help groups in the Kasaragod area.
- Impart training to the women groups and uplifting them to make them economically stable.

4. **NOVOZYMES SOUTH ASIA PVT. LTD.** Biocon campus, Bangalore. (April 2009 to November 2009)

Intern at Analytical Lab (R&D)

Job profile:

Worked on the enzyme characterization of green apples for maximum juice extraction.

Analyzing the enzyme efficiency in the extracted juice.

Worked on enzymes named pectinase, polygalacturonase and endo polygalacturonase.

## **Research Publications**

- Anusha, R., & Bishnoi, J. P. (2022). The impact of various pre-treatments on the physiochemical attributes and storage stability of *Persea americana*. *Vegetos*, 1–7. <https://doi.org/10.1007/s42535-022-00506-z>
- Anusha, R., & Jyoti, P. B. (2022). The effect of different pretreatments on the physiochemical properties of avocado and its storage stability. *Journal of Xi'an Shiyou University, Natural Sciences Edition*, 65(06), 99–112. <https://doi.org/10.17605/OSF.IO/P9DT7>
- Anusha R, Jyoti, P. B., & Siddiqui, S. (2022). An in vitro assessment of phytochemicals and antioxidant activities of *Achyranthes aspera* leaf and *Mesua ferrea* flower extracts. *Journal of Tianjin University Science and Technology*, 55(07), 163–171. <https://doi.org/10.17605/OSF.IO/2W7NQ>
- Anusha, R., & Jyoti, P. B. (2022). Elemental Assessment of Alligator Pear: Tropical Fruit. (Book chapter) In *Research Trends in Horticulture Sciences* (pp. 81–94). AkiNik Publications.

## **Awards**

- University gold medal in post-graduation.
- Best poster presentation award on the topic “Study in the antimicrobial activity from *Tinospora cordifolia* and *Cinnamomum verum*.” International Conference on Advances in agricultural & food sciences to face the challenges to the environment and biosecurity at School of Agricultural Sciences, Sharda University, Noida, India. on 16–20 January 2021.

- Best paper presentation award on the topic “Quality studies of wheat flour fortified with virgin coconut oil meal”-A National seminar Food Explore on Emerging Technologies in Food Processing for Ensuring Food Safety and Quality at Agricultural engineering college & Research Institute, Tamil Nādu Agricultural University (TNAU) on 14th and 15th October 2011.

## **Presentations**

- Paper presentation on “The effect of different pre-treatments on the physiochemical properties of avocado and its storage stability” International Conference on Biotechnological Interventions to Overcome the Challenges of Covid/ Post-Covid Era (BIOCoPE-2022) held at Amity Institute of Biotechnology, Amity University Rajasthan, India on 24th and 25th March 2022.
- Paper presentation on “Evaluation of the phytochemicals and antimicrobial activity in the extracts of *Cinnamomum verum* and *Mesua ferrea*.” National Women’s Food Science & Technology Conference held at Indian Institute of Food Processing Technology, MOFPI, Government of India, Tamil Nadu, India on 08th March 2021.
- Paper presentation on “Study on growth characteristics of selected cross contaminating pathogens on shrimp muscle at different temperatures”. BIO SPECTRUM a National seminar held on 24-02-2007 at MACFAST, Kerala.
- Poster presentation on “Cellular and extra cellular enzyme activity associated with the process optimization in CTC Black tea manufacture”. An International seminar on Industrial Biotechnology on 15-11-2008 at Kerala Agricultural university, Thrissur.

## **Training undergone**

- Production of value-added products from banana and jackfruit at Indian institute of cropprocessing technology (IICPT), Thanjavur.
- Chromatographic based approaches (HPLC and Related) for functional food constituents held at the centralfood technological research Institute (CFTRI), Mysore.
- HACCP Audit developed by FAO and CAC, complies with the requirements of, USFDA EUCOMMISSION and various other National and International Regulations.

