

Curriculum vitae



Dr.M.SHAKILA BANU

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Experienced academician with a demonstrated history of working in the teaching and research profession.

Strong Food technology Professional skilled in Coaching, Lecturing, Educational Technology, Instructional Design, and Mentoring

❖ EDUCATIONAL CONTOUR:

- ❖ Ph.D (Food Science & Nutrition), TNAU, Coimbatore.1994, (**OGPA : 4.00 out of 4.00**)

❖ *Doctoral research: Thermobacteriological profile and shelf-life studies of RTS Cultured Milks.*

- ❖ M.Sc (Food Science and Nutrition), Bharathiyar University, Coimbatore, 1988

PROFESSIONAL EXPERIENCE

- ❖ Professor and Head of the Department of Food Technology for **21** years at the School of Engineering, Avinashilingam Institute for Home science and Higher Educationfor Women University, Coimbatore.
- ❖ Professor and Head of Department, Food Technology, Sri Shakthi Institute of Engineering and Technology, Coimbatore (2 years)

❖ HONOURS & AWARDS:

- ◆ **Research Excellence Award-InSc 2021**
- ❖ **ICAR SENIOR RESEARCH FELLOW-1991-1994.**
- ❖ **3rd RANK IN THE NATIONAL ELIGIBILITY TEST-1994.**

❖ **ACADEMIC EXCELLENCE IN BASIC AND ADVANCED LEVEL FOOD SCIENCE AND TECHNOLOGY COURSES (UG & PG)**

❖ **ADMINISTRATIVE COMPETENCE**

- ❖ Professor and Head, Department of Food Technology, Sri Shakthi Institute of Engineering and Technology, Coimbatore (2019-2021)
- ❖ Professor and Head of the Department of Food Processing and Preservation Technology, School of Engineering, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore. (1997-2018)

❖ **Experience: 21 years**

- ❖ Team leader for Coordination and Implementation of NBA ACCREDITATION process for the Department (2018-2021)
- ❖ Team leader for Coordination and Implementation of Accreditation process for the Department
- ❖ Nodal Officer-B.Voc –Food Processing and Engineering (UGC- aided course)
- ❖ HOD-in charge of the Department of Printing Technology, Faculty of Engineering, Avinashilingam University of Women, Coimbatore (2007)
- ❖ Establishment of Technical Laboratories and Infrastructure for UG and PG Food Technology and UG (B.Voc –Food Processing and Engineering) courses

❖ **Establishment and Overall Supervision of Technical Facilities:**

- *Food Science and Nutrition Laboratory*
- *Food Processing and Preservation Laboratory*
 - ◆ *Bakery Laboratory*
 - ◆ *Fruits and Vegetable Processing Laboratory*
 - ◆ *Unit operations for Food Technology Laboratory*
- *Food Analysis and Quality Control Laboratory*

❖ **PROFESSIONAL RECOGNITION**

❖ **Chairperson-Board of Studies:**

- ❖ **Food Technology (Undergraduate & Postgraduate)**
- ❖ **B.VOC- Food Processing and Engineering (UGC sponsored)**

- ◆ *Curriculum Development and Updation of Academic Curriculum*
- ◆ *Framing of syllabus for UG and PG courses to meet current technological and industry trends.*

❖ **Member of Academic Council**

- ❖ **Resource person:** Development of 20 study modules for Food Processing, Preservation and Quality control in foods e -PG Patshala, a MHRD initiative.

ASSOCIATION IN PROFESSIONAL BODIES:

- ◆ AFST (Association of Food Science and Technology)
- ◆ SASNET (Swedish South Asian Network-Fermented Foods)
- ◆ Probiotic Association of India (PAI)
- ◆ ISTE
- ◆ Nutrition Society of India
- ◆ MASU (Madras Agricultural Students Union)
- ◆ Mushroom Society of India
- ◆ Bakery Association (Karaikudi)

RESEARCH ORIENTATION

Guidance of technical Undergraduate and Postgraduate Projects: 50

Conferences Organized: 12

- ◆ *Papers And Posters Presented in Conferences: 40*
- ◆ *Lead Speaker:*
 - ◆ BRICS Alliance Business Forum, 2018, New Delhi
 - ◆ National Symposium on "Recent advances in Industrial fermentation and Fermented Foods" 2013
 - ◆ National conference in Food Processing-Emerging trends at BannariAmman College, Sathya Mangalam., 2010
 - ◆ Nanotechnology in Food systems. RVS College of Arts and Science, Coimbatore. 2009.
 - ◆ Capacity building of women in food technology, at Centre for Woman's studies. Coimbatore, 2009.
 - ◆ Lead Paper on Emerging Trends in Nanotechnology at Faculty of Engineering, Avinashilingam University, Coimbatore. 2007.
 - ◆ Paper presentation at Annamalai University on Supercritical Fluid Extraction in preserving foods, 2006.
 - ◆ Chief speaker in National seminar on Food processing trends, 2006
 - ◆ Resource person to deliver lectures for IGNOU, 2006 (Awareness and Training Programme on Fruit and vegetable processing techniques.)

PUBLICATION

♦ **National and International:25**

- ♦ Citations (since 2016) 147
- ♦ H-index 4
- ♦ i10 index 2

Book:

1. “Studies on lycopene extraction and its availability in tomato products”, ISBN 978-3-659-00075-1, *LAP LAMBERT Academic Publishing GmbH & Co. KG*, 2012.

Books Edited:

1. Proceedings of National Conference on "Emerging Technologies in Food Processing", 2017, ISBN 978-93-8076-987-5
2. Proceedings of National Conference Role of Food Processing in Nutrition Security, 2017, ISBN 978-93-84234-05-8
3. Proceedings of National Conference Nutraceuticals and Functional Foods, 2017, ISBN 978-93-80769-93-6
4. Proceedings of National Conference on Emerging Trends in Green Technology, 2017, ISBN 978-93-84234-42-3

❖ **Editorial Board Member in National and International Journals:**

1. Associate Editor, Continental Journal of Food Science and Technology
2. Greenfield Advanced Research Publishing House
3. Regional Editor, Advance Journal of Food Science and Technology, Maxwell Publications
4. ARC Journal of Nutrition and Growth
5. Nutrition and Food Science International Journal
6. Journal of Food & Industrial Microbiology
7. Journal of Innovations in Food Technology (JIFT)
8. Food and Bioprocess Technologies
9. Food, Nutrition and Population Health Journal
10. Nutrition and Food Toxicology

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Member, Review Committee of SERB (Science and Engineering Research Board)

Statutory Body Established Through an Act of Parliament: SERB Act 2008) Department of Science and Technology, Government of India

❖ **Patent:**

A real time quality checking system for solid edibles- Application No. 201741038740

DECLARATION:

I hereby declare that all the information furnished above is true, complete and correct to the best of my knowledge and belief.

SHAKILA BANU, M