Staff Profile

Dr. Dorathy Pushparani,
Faculty - Food Chemistry and Food Processing,
Loyola College (Autonomous),
Chennai.

Educational qualification:

M.V.Sc. Dairy Microbiology

S.No	Degree	University	Year	Subject	Percentage
1.	M.V.Sc.	Tamilnadu Veterinary & Animal sciences University	1996	Dairy Microbiology	95.0

Academic awards

- Recipient of Dr J.Jayalalitha Gold medal for outstanding performance in M.V.Sc examination.
- Recipient of Dr P.J Paroda award for highest rank in M.V.Sc examination.
- Recipient of Sri Kuliammal Naicker Prize for highest rank in B.V.Sc Dairy examination.

Additional qualifications:

S.No	Degree	Organizing committee	Year	Subject
1.	Certificate course	SGS Certification Systems	2006	HACCP Awareness training.
2.	Certified FSMS Lead Auditor	TUV –SUV South Asia Pvt.Ltd.	2009	ISO 22000: 2005-Food safety management systems.
3.	Halal Total Compliance Training	Halal Audit & Compliance Committee ,Malaysia	2010	Halal principles

Professional Experience:

S.No	Position	Organization / Institution	Duration
1	Vice Principal (S2) Admin	Loyola College, Chennai	2019 –2022
	Faculty- Food Chemistry and Food Processing.	Loyola College (Autonomous	2011- till date
2.	Quality Assurance Manager	Taj Group – a TATA enterprise	2006-2011
3.	Scientific Officer, R & D Centre.	Britannia Industries Ltd, R& D Centre, Chennai.	1997 – 2006

Industry experience:

- 5 years of experience as Quality Assurance Manager, In Flight Food division of the Taj group a TATA Enterprise.
- Expertise in Microbiological activities. HACCP team leader & Management representative for the company to achieve its ISO 22000: 2005, ISO 9001:2000 certificate.
- Recognized & awarded the EMPLOYEE OF THE YEAR award in July 2007.
- 8 years of experience as Scientific Officer, Research and Development Centre, Britannia Industries Ltd, Chennai. Involved in research activities of the company.
- Technical microbiological resource to the industry.
- Conducting nutritional label analysis, label formats & claims through conventional methods/instruments
- Design & execution of sensory studies.
- Organizing Seminars & Management training programmes.

Research project

- **UGC Minor research project** Titled:" Development of Synbiotic to promote human gut well-being".

Publications:

- Vignesh V, Rita Narayanan, B Suresh Subramonian, Dorathy Pushparani and K Sudha (2022) Extraction of anthocyanin pigment from grape pomace and estimation of its functional properties. The Pharma Innovation Journal 11(5): 601-603.
- Raghu A, Rita Narayanan, A Mangala Gowri, V Nithyalakshmi and Dorathy Pushparani (2022) Extraction of clean-label food colourant from hibiscus. The Pharma Innovation Journal 2022; 11(3): 233-236
- Oorjitha D, Dorathy Pushparani(2021)Probiotication of bifidobacterium spp. in dairy and non-dairy mango juice medium – A green approach. Indian J Dairy Sci 74 (5):416-422
- Dorathy Pushparani and Aishwarya Sekar(2018). Screening of Cashew Apple Juice for its Potential to Promote Growth of Probiotic Bifidobacterium spp Sch Acad J Biosci;: 7(5): 243–256.
- Dorathy Pushparani and Rita Narayanan (2017).Food safety policies adopted by food buisness operators –A review.Asian Journal of Science and Technology:Vol. 08, Issue, 12, pp.7258 -7262.
- Rita Narayanan,Suresh Subramonian and Dorathy Pushparani (2017).Action of bifidobacteria on whey proteins. The Bioscan:12(1): 85-87.
- Sneha.K.and Dorothy Pushparani,(2016).Development of a Probiotic Whey fruit beverage.Beverage and Food world, 48(12):29-31. ISSN -0970-6194.
- Dorathy Pushparani and Rita Narayanan (2015).Food Safety in Commercial Food Establishments.The Journal of Agriculture and Natural Resources Sciences. 2(1): 330-335.
- "HACCP – A Tool in controlling Foodborne zoonoses", Dorathy Pushparani and Rita Narayanan , European Journal of Environmental Ecology. 2015 2(1):14-16.

- "Ensuring safety of ethnic foods" Dorathy Pushparani, Proceedings of the National conference on Recent trends in processing, quality and safety of ethnic and organic foods, ISBN 13:978-81-928279-4-0.June 2014.
- "Microencapsulation of Dietary Fibre in Yoghurt" Navis Juliet Fernando and Dorathy Pushparani, Proceedings of SCOFTECH '14,ISBN -4-1-978-81-926250-0-Indian Institute of Crop Processing Technology.
- "Development of Probiotic drinks using papaya and kiwi fruit" K.Sneha and Dorathy Pushparani, Proceedings of SCOFTECH '14, ISBN -4-1-978-81-926250Indian Institute of Crop Processing Technology.
- "Potential socio economic value added therapeutic food from nutmeg fruit" Jeetu Joseph,Dorathy Pushparani,Baskar V,Sakthivel K. Journal of Biological and information sciences,2013 :2(2).

Papers presented:

- Lead paper presented on "Ensuring safety of ethnic foods for global marketing "at the National conference on Recent trends in processing, quality and safety of ethnic and organic foods at the College of Food and Dairy Technology,Alamathi, June 2014.
- Paper titled "Preparation of banana blended shrikhand and its sensory analysis "presented in XXII Indian Convention of Food Scientist and Technologist - "SAFEST
  (Safety Assurance of food through emerging science and technology) INNOVATIONS ' at CSIR – CFTRI campus ,Mysore - Dec ' 2012.
- Paper presented on "Food safety in commercial food establishments" at Strategies in value addition and safety aspects pertaining to dairy and food industry ,Madras Veterinary College, Chennai, March 2012.

Resource Person

- Lead speaker for the International conference on "Innovations in Food and beverage technology for a Sustainable future" organized by CFDT,SRM Institute and Indian Beverage Association, New Delhi, 4-6 January 2023.
- Guest Speaker for the Web series on Birth Centenary celebration of Dr. Verghese Kurien organised by Indian Dairy Association on the topic "Probiotics- A Current Perspective and Future Trends"2021.
- Invited as Resource person for delivering a lecture on "Sustainable food systems" for a two day online National conference entitled Implementing strategies to achieve Food Security and Food sustainable partnership organised by College of Food and Dairy Technology and AICTE. Nov 2021.
- Invited as Rapporteur by Indian Dairy Association, South Zone, for the Dr. Verghese Kurien Birth Centenary Year Celebrations, 08 Dec 2021.
- Delivered lecture during STTP for faculty on "Changing Paradigms on Food Security and Food Sufficiency" held during 23-28 November 2020.
- Member of the Board of studies for B.Voc (Food processing and Quality Control),Stella Maris College, Chennai.
- Resource person for the workshop on "Development of HACCP plans for Food processes " at the Department of Food Science and Nutrition, Periyar University, Salem on 21 and 22nd February, 2019.
- Guest lecture delivered on "Physiochemical changes during concentration of milk in the preparation on condensed milk and freeze drying applications in the Dairy industry" at the College of Food and Dairy Technology to B.Tech students on 24th January, 2019.
- Resource person for the training programme on "Microbiological analysis of milk and milk products "for the Deputy Managers Aavin (III & IV batch) organised by TANUVAS. Delivered Lecture on :Food Laws, standards ,HACCP and FSSAI in July 2017 and Jan 2018.

- Delegate for the panel discussion on "Implementing research for future India - 2015" at the National conference organized by Association for Science and Technology Growth (ASTEG) Partnered with BioLim Biosolutions (P) Ltd.

- Lead Speaker at the National conference at the College of Food and Dairy Technology, on "Ensuring safety of ethnic foods for global marketing".

- Guest lecture delivered on "Food Safety Management Systems ISO 22000:2005" at the summer training for M.Tech Food Technology students, Centre of Biotechnology, Anna University annually – June 2012 to June 2014.

- Delivered lecture on HACCP in Milk products and processing units at Madras Veterinary College, Tamilnadu Veterinary and Animal Science University, Nov '13.

Reviewer :

- Indian Journal of Dairy Science.

Organizing committee:

- Organizing committee member for all Department Seminars.
- Organizing committee member for the Dairy India Conference organized by Indian Dairy Association, Tamilnadu Chapter.
- Organising committee Member for the 46th Dairy Industry Conference, Cochin February 2018.

Other Significant accomplishments:

- Nominated as State Executive committee Member of Indian Dairy Association (Tamilnadu Chapter).2016-2019.