



Dr.L.Gomathirajashyamala
Teaching Assistant

Contact

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Academic Qualifications

Degree	Institution	Year	Branch	Class
Ph.D.	Tamil University	2011 – 2020	Biomedical Science	Highly Commended
M.Sc.,	Alagappa University	2018 - 2020	Home science – Nutrition and Dietetics	First Class Distinction with D++
M.Sc.,	Tamil University	2008 - 2010	Biomedical Science	First Class Distinction with D++
B.Sc.,	Bharathidasan University	2005 - 2008	Biotechnology	First Class with D

Teaching experience : 6 Years

Position	Institution	Duration
Teaching Assistant	Department of Nutrition and Dietetics, Alagappa University	16.08.2023 - till date
Assistant Professor & Head	Department of Home Science Sri Bharathi Arts and Science college for Women, Pudukkottai.	16.04.2021 - 31.05.2023
Guest Faculty	Directorate of Distance Education - Home science – Nutrition and Dietetics, Alagappa University	03.12.2020 - 31.05.2023
Assistant Professor & Head	Department of Food science & Nutrition,	05.03.2018 – 08.02.2020

	Cherraaan's Arts Science College, Kangayam, Tirupur-Dt.	
Teaching cum Research scholar	Department of Siddha Medicine, Tamil University	01.08.2012 – 30.04.2013

Research Experience

Total Research Experience: 13 Years

Position	Institution / University	Duration
Teaching Assistant	Department of Nutrition and Dietetics, Alagappa University	16.08.2023 - till date
Assistant Professor & Head	Department of Home Science Sri Bharathi Arts and Science college for Women, Pudukkottai.	16.04.2021 - 31.05.2023
Assistant Professor & Head	Department of Food science & Nutrition, Cherraaan's Arts Science College, Kangayam, Tirupur-Dt.	05.03.2018 – 08.02.2020
Project guide	Amphigene Research laboratory, Thanjavur	17.02.2013 – 14.05.2014
Research Assistant	Department of Siddha Medicine , Tamil University, Thanjavur.	11.05.2011 -31.05.2017

Areas of Research

- **Cancer biology**

Cancer biology is a multifaceted field of research that delves into the complex molecular and cellular mechanisms underlying the development, progression, and treatment of cancer.

Collaborative efforts among researchers, clinicians, industry partners, and patient advocates are driving progress in the fight against cancer and improving outcomes for cancer patients

- **Food Science and Nutrition**

Food Science and Nutrition plays a vital role in advancing knowledge, informing policy, and improving practices to promote a healthy and sustainable food supply, enhance human health, and address global nutrition challenges.

- **Nutrition and Dietetics**

Nutrition and Dietetics plays a critical role in advancing our understanding of the complex interplay between diet, nutrition, and health, and in developing strategies to promote optimal nutrition and well-being across the lifespan.

Publications

Journals		Conferences	Others
International	National	International	Books/Chapters/Monographs/Manuals
7	4	2	-

h-index : 4

i10 index : 3

Total Citations : 56

Events organized in leading roles

Number of Seminars /Conferences /Workshops/ Events organized: 12

S.No.	Position	Programme	Duration	Institution
1.	Organizing Committee member	Webinar on World Food Day 2024- "Role of Functional Foods in Disease Prevention "	16.10.2024	Department of Nutrition and Dietetics, Alagappa University, Karaikudi.
2.	Organizing Committee member	Swachhata Hi Seva-Wall Painting Awareness on "Eat to Live, Not Live to Eat"	02.10.2024	Department of Nutrition and Dietetics, Alagappa University, Karaikudi. & Centre On Swachh Bharath and Swasth Bharath
3.	Organizing Committee member	Nutritional awareness programme at Melapattamangalam Anganwadi	28.09.2024	Department of Nutrition and Dietetics, Alagappa University, Karaikudi and Melapattamangalam Anganwadi (Kallal Block), Sivagangai.
4.	Organizing Committee member	National seminar on "Health Awareness on Balanced Diets and Nutrition"	02.09.2024	Department of Nutrition and Dietetics, Alagappa University, Karaikudi.
5.	Organizing Committee member	National Webinar on "Nutrition and Lifestyle Strategies for Managing Metabolic Syndrome"	12.08.2024	Department of Nutrition and Dietetics, Alagappa University, Karaikudi.
6.	Organizing Committee member	One Day Workshop on "Moisture Analyzer"	09-08-2024	Department of Nutrition and Dietetics, Alagappa University, Karaikudi.
7.	Organizing Committee member & Rapporteur	National Symposium on "Promoting Nutritional Diets through Millets	12.04.2024	Jointly organized by The Department of Nutrition and Dietetics, Alagappa University, and The National Institute of Food Technology, Entrepreneurship and

				Management, Thanjavur
8.	Organizing Committee member	Parents Teachers Meeting	28.03.2024	Department of Nutrition and Dietetics, Alagappa University
9.	Organizing Committee member	Diet Counseling Programme – Special Concern for women’s health	08.03.2024	Department of Nutrition and Dietetics, Alagappa University
10.	Organizing Committee member	Special lecture series on “Application of nanoparticles in food microbiology”	27.02.2024	Department of Nutrition and Dietetics, Alagappa University
11.	Organizing Committee member	One-day workshop on “Food adulteration and its impact on health”	30.01.2024	Department of Nutrition and Dietetics, Alagappa University
12.	Co-Ordinator	Guest lecture series on “Nutrition and enhanced sports performance”	19.12.2023	Department of Nutrition and Dietetics, Alagappa University
13.	Organizing Committee member	One-day workshop on “Semi-Auto Chemistry Analyzer”	09.10.2023	Department of Nutrition and Dietetics, Alagappa University
14.	Organizing Committee member	National Nutrition Week 2023	01.09.2023	Department of Nutrition and Dietetics, Alagappa University.
15.	Organizing Secretary	one day Seminar on “International Millets Year 2023 – Benefits of Millets on Women’s Health”	28.02.2023	Sri Bharathi Arts and Science College for Women
16.	Organizing Secretary	one day seminar on “Nutrition for Adolescent Girls”	13.10.2022	Sri Bharathi Arts and Science College for Women
17.	Organizing Secretary	Orientation programme on “National Service Scheme Day – 2022	24.09.2022	Sri Bharathi Arts and Science College for Women
18.	Organizing Secretary	World Breast Feeding Week - 2022	05.08.2022	Sri Bharathi Arts and Science College for Women
19.	Organizing Secretary	National Nutrition Week Celebration-2022	06.09.2022	Sri Bharathi Arts and Science College for Women
20.	Organizing Secretary	Inter-collegiate competition on “Organic Millet Foods	29.10.2021	Sri Bharathi Arts and Science College for Women
21.	Organizing Secretary	5 days Public Training programme on “Application of Science and Technology in Rural Areas” ASTRA-2019 Sponsored by TNSCST (Fund Received – 1 Lakh)	05.02.2019 to 09.02.2019	Cherraan’s Arts Science College, Kangayam
22.	Organizing Secretary	One day “Nutritional Awareness programme for Pregnant Women” in the	15.09.2018	Cherraan’s Arts Science College with ICDS, Kangayam

		Function of “Community Baby Shower - 2019” held on 15 th Sep 2018 organised by Integrated Child Development Services (ICDS) at Kangayam.		
23.	Organizing Secretary	Nutritional Awareness programme for AG people	18.09.2018	Cherraan’s Arts Science College with Integrated Child Development Services(ICDS), Kangayam

Papers presented in the National and International Events

- Conferences / Seminars / Workshops: 05

Events Participated

- Number of Conferences/Seminars/Workshops: 17

Editorship/reviewer of Journals

- **Reviewer** in the Journal of Sustainability, Agri, Food and Environmental Research (SAFER) (ISSN:0719-3726)

Selected Research Papers

1. **Gomathirajashyamala, L.**, et al. “Protective Role of *Evolvulus Alsinoides* Linn. on Chemical Induced Prostatitis in Male Albino Rats.” *Shanlax International Journal of Arts, Science and Humanities*, vol. 12, no. S1, 2024, pp. 170–79
2. Muthulakshmi Muthumanickam ., Rameshthangam Palanivel.,C. Ambiga & S. Sindhamani., R. Ramya & **L. Gomathirajashyamala.** (2024). Application of Silk Fibroin Nanoparticles based Edible Coating Material for Postharvestshelf-Life Extension and Preservation of Food Products. *Shanlax International Journal of Arts, Science and Humanities*, vol. 12, no. S1, 2024, pp. 183–90.
3. Prabakaran. P., **Gomathirajashyamala. L.**, Ramya. R., Rameshthangam. P., Pradeepa .V. (2024). Study of Lipid Accumulation from *Chlorococcum* Microalga for Biodiesel Conversion. *Shanlax International Journal of Arts, Science and Humanities*, vol. 12, no. S1, 2024, pp. 164–69

4. **L.Gomathirajashyamala**, R.Anitha and P.Rameshthangam (2003).Nutritional status and Dietary Profile of College Students – A Cross Sectional Study from South India. *International Journal of Current Science Research and Review (IJCSRR)* Vol.06 Issue-1:7039-7045. ISSN:2581-8341
Impact Factor : 6.789
5. **GomathiRajashyamala,L.** and Elango,V.(2015).Identification of bioactive components and its biological activities of *Evolvulu salsinoides*.Linn A GC-MS study. *International Journal of Chemical Studies*.3 (1): 41-44. P-ISSN 2349–8528 **Impact Factor : 6.78**
6. **GomathiRajashyamala, L.** and Elango, V. (2015). In vitro Antimicrobial Activity and Phytochemical Analysis of few Indian Medicinal Plants. *International Journal of Science and Research (IJSR)* Volume 4 Issue 8: 659-663. ISSN : 2319-7064.**Impact Factor : 7.942**
7. **GomathiRajashyamala,L.** and Elango,V.(2015).Analysis Of Bioactive Compounds In *Evolvulusalsinoides*.L. *World Journal of Science and Research*.1 (1):50-55. ISSN: 2455 2208
8. **GomathiRajashyamala, L.** and Elango,V. (2015). Effects of *Evolvulus Alsinoides* Linn. In inflammatory Markers in Prostatitis Induced Rat Model. *World Journal of Science and Research*.1 (2): 114-119. ISSN:2455 2208
9. **GomathiRajashyamala, L.** and Elango, V. (2016). Antioxidant Activity of *EvolvulusAlsinoides* L. *Asian Journal of Innovative Research*. 1(2): 39-43.SSN 2455 7285
10. **GomathiRajashyamala, L.** and Elango, V. (2016).Effect Of *EvolvulusAlsinoides* L. On Biochemical,Antioxidant and Haematological Parameters in Aluminium Toxicity Male Rat. *Asian Journal of Innovative Research*. 1(4): 29-36.ISSN 2455 7285
11. **GomathiRajashyamala, L.** and Elango, V. (2017).Effect Of *Evolvulus alsinoides*L.On PSA, Reproductive Hormones and Sperm in Prostatic Male Experimental Rats. *World Journal of Science and Research*.2 (2):13-19.ISSN: 2455 2208.

Resource persons in various capacities

Invited lectures				
S.No.	Name of the Programme	Organizer of the Programme	Topic	Date
1.	National Service Scheme (NSS)	Bharathi Arts and Science College for Women	Healthy foods	19.12.2021
2.	“Community Baby Shower -2019”	Integrated Child Development Services (ICDS), Kangayam	Nutrition for Pregnant Women	15.09.2018

Dr.L.GomathiRajashyamala
Adjunct Faculty