

Name : Dr. S.Uma Maheswari
Designation : Assistant Professor
Department : Food Science and Nutrition
Qualification : M.Sc., M.Phil., Ph.D., DPE., UGC-NET /SLET.
Experience : Teaching: 6.8 Years Research: 5 Years
Area of Specialization(s) : Food Science and Nutrition
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Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph.D.	Food Science and Nutrition	Pondicherry University, Pondicherry.	Dec,2015
M.Phil.	Food Science and Nutrition	Avinashilingam University for women, Coimbatore.	Jan,2008
M.Sc.,	Food Science and Nutrition	Gandhi gram Rural University, Gandhi gram	April,2006
B.Sc.,	Food Science and Nutrition	Gandhi gram Rural University, Gandhi gram	April,2004

Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
SET	Home Science	Bharathiayar University-Govt.of Tamilnadu	2006
UGC-NET	Home Science	UGC-New Delhi	2005,2006,2010

Grants Received

Event Title	Agency	Amount	Date
UGC-JRF/NET	UGC-New Delhi	Rs. 7,68,000	April,2010

Projects

Completed

Project Title	Agency	Amount	Duration
	DBT	25,000	2011 - 2012

On-going

Project Title	Agency	Amount	Duration
	DBT		

Research Guidance

Programme	No. of Scholars	
	Completed	Pursuing
Ph. D.	-	04
M. Phil.	-	-

Research Publications (Indexed)

International

- **S.Uma Maheswari and Prathap Kumar H. Shetty, 2019**,Effect of *Phaseolus vulgaris* (kidney bean) on glycaemic response of idli- a cereal and legume based Indian fermented food, American International journal of Research Science ,Technology and Mathematics
- **S.Uma Maheswari and Prathap Kumar H. Shetty, 2018**,Effect of Kidney bean (*Phaseolus vulgaris*) on textural, sensorial and nutritional quality of idli - a cereal and legume based fermented food, J Adv Res Food Sci Nutr.
- **S.Uma Maheswari and Prathap Kumar H. Shetty, 2013** Enhancement of functional properties of Indian fermented food idli through incorporation of *Moringa oleifera* leaves, International Journal Of Scientific Research.

National

- **S. Uma Maheswari* and H. Prathap Kumar Shetty****Epidemiological study on consumption data and consumer perception of idli a cereal and pulse based fermented food in Puducherry Proceedings of National conference on current trends on conservation of biodiversity for food nutrition and health, Prof.Dhanapaulan college for women,Chennai on 28th Feb-1st March,2019

- **Uma Maheswari, N. Bhooma Mani, Sylvia Subapriya & Rebecca Abraham, 2010** Antioxidant efficacy of grape and pomegranate juices on total lipid profile of hypercholesterolemic adults, Proceedings of ICTF 2010.

Other Publications: International / National Journals

Book Publications

- **S.Uma Maheswari and Prathap Kumar H. Shetty, 2013** Process optimisation of the texture and sensory attributes of idli fortified with soya chunks, Food security, Issues and concerns.

Presentations in Conference

- Poster presented on Product development and sensory evaluation of value added idli in Virtual International conference organised by Manava rachna Institute of Research and studies, Faridabad, Haryana on 18 and 19 th June, 2021
- Abstract presented in One day international seminar on advances in genomics and proteomics, sponsored by Indian Science congress association,
- Paper presented on Kidney bean (*Phaseolus vulgaris*) enhance the functionality of idli – a cereal and legume based fermented food, International conference on conventional biotechnologists Invention 2015, on Dec 2-4th at Karunya University, Coimbatore.
- Paper presented on Nutritional and functional qualities of Kidney bean incorporated in idli-a cereal and legume based fermented breakfast food., International seminar on pulses-the pulse of life, on 1st March 2017 at Avinashilingam University, Coimbatore.
- Poster presented on Texture profile analysis and organoleptic evaluation of Spinach incorporated idlis. National Conference on Agro Food Processing Technologies, 2011, on 3rd Nov -4th Nov, 2011 at Pondicherry University.
- An epidemiological based study on consumption data and consumer perception of idli in Puducherry, FOODS-2012-FOODWEB: A global connect, organised on 17th & 18th February, 2012, MOP Vaishnava College, Chennai.
- Effect of germination and cooking on ascorbic acid content of green gram, presented on XXI ICFOST on Innovations in food science and technology to fuel the growth of Indian food industry organised during 20-21 January 2012 at Pune.

Participation in Conference

International

- International Webinar on Priming our immune system for vital health , Department of Food Service Management and Dietetics, Avinashi lingam Institute for Home Science and Higher Education for Women, Coimbatore..

- International webinar 2020 on food safety policies and regulations, College of community science and national agricultural higher education project, Assam agricultural university, Assam
- One Day International Conference on "Indian Rural Public Health and Non-Communicable Disease" on 6th April, 2019
International Workshop of Health Risk Assessment of NANOPARTICLES
- One day workshop on Intellectual property rights on 20th sept, 2018 at Hindusthan College of Arts and Science .
- International Conference on Prospects of Nutraceuticals and Natural Medicine in association with Department of Biochemistry.
- International Conference On Personalized nutrition at PSGCAS, Coimbatore..
- International workshop on integrated approaches to foods, diet and health. Indian and European perspectives, conducted on 8th and 9th February, 2011, Anna University, Chennai.

National

Participation in Seminars

- National seminar on industry-academia synergy to enhance food security through processing and value addition organised by IICPT on 6th & 7th March 2010.
- National seminar on nutritional challenges-past, present and future on 27th February 2009, Periyar University, Salem.
- National seminar on functional foods and health held on 9th March 2012, Pondicherry University, Pondicherry
- 38th Nutrition society of India, annual meeting on 4th Nov - 6th Nov 2006, organised by All India institute of hygiene and public health, Kolkata .
- Satellite symposium on diet and cancer in cancer awareness day on 7th Nov. 2006, organised by All India institute of hygiene and public health, Kolkata.
- National seminar on recent trends in nutritional sciences on 15th & 16th Nov 2006, organised by Avinashilingam University, Coimbatore.

Participation in Workshop

- National Conference on Futuristic approaches in Transformation of biosciences research, 2020, Dr. N.G.P. Arts and Science College, Coimbatore.
- National science graduate research-2019, Dr. N.G.P. Arts and Science College, Coimbatore.
- International Workshop of Health Risk Assessment of NANOPARTICLES
- National science graduate research-2020, Dr. N.G.P. Arts and Science College, Coimbatore.
- One day workshop on Integrated food law on 3rd October 2010, Pondicherry University.
- Value added products from tomato and noni fruit, Tamilnadu Agricultural University, Coimbatore, 19-Feb- 19 to 20 -Feb- 19

- Food analysis ,alpha lab,Coimbatore. 21-Feb- 19 to 22 -Feb- 19

Participation in Orientation Programme / Short Term Courses

- Innovation ambassador training(Foundation level) Ministry of education Innovation cell&AICTE,Govt. of India 30.06.2021-30.07.2021.
- National interaction programme for research scholars on 30th September&1st October, 2010, Academic Staff College, UGC, Pondicherry University.

Participation in Faculty Development Programme

- 15 days online FDP on FSSAI INITIATIVES, under NETPROFAN CHAPTER Salem,Periyar University, Salem.
- One week FDP on Exploring academic and investigative dimensions in food research , North East Academy of Science and Technology, Mizoram University, Mizoram
- ICT
- NAAC Assessment in OBE

Conferences,workshop,seminar organised

- Innovation Council (IC) of MHRD's Innovation Cell, New Delhi Soft Skill Training on Memory Management on 6.9.2018
- Invited Guest Lecture on 'Physical Wellbeing and Hygienic Practice for Womanhood'Webinar Series-2020
- Hands on Workshop on use of Extruder Machine & Ice cream machine11.02.2019
- DBT-FOOD EXPO-2019 of Mini project food products6/3/2019
- Value Added Extruded Products- Sale20.03.2019
- Health Care Nutrition in Today's Hospital Set-Up5.9.2018
- Creative Cookery Competition in Collaboration with Nestle16.10.2018

Invited Speaker / Session Chair- Conference / Seminar / Workshop

- Panel Discussion with budding student entrepreneur, Holy cross Incubation and Indian Institution council, Department of Computer Science, Computer Application &B.Voc, Data Science.Holy cross college Trichy.
- Invited lecture on Better -Production, Nutrition, Environment & Life , Dr. N.G.P Educational Institution , Coimbatore
- Invited Guest lecture on Perspectives of Food Chemistry , NPR Arts and Science College, Natham, Dindugal
- Session Chaired for NSGR-2019
- Invited Speaker-World food day 2018-A zero hunger world-2030, for B.Ed college students,Dr.N.G.P Collge of Education,Coimbatore.
- Invited Speaker-Food preservation and processing in UGC sponsored National seminar on Recent perspectives in food technology on 9th February,2016, Department of Food Science and Technology, Arul Anandar college (Autonomous) Madurai.
- Invited Speaker Radio talk on 'HEALTHY FOOD 'on 24th October 2015 at 2pm to 3 pm ,Suryan FM93.8,Pondicherry.

Member in BoS

- Internal BoS member, Food and Nutrition, Dr. N.G.P. Arts and Science College, Coimbatore, 2016 onwards

Editorial / Review Board Member

- Steering committee member for ICMR sponsored International conference on Omics technologies in nutritional research, D.K.M College for women, Vellore.
- Scrutiny board for Food service Management at Avinashilingam University for women, Coimbatore.
- Scrutiny board for Home Science at Periyar University, Salem.

Membership in Professional Bodies

Name of the Professional Body	Nature of membership	Duration
AFSTI	Life member	-
NSI	Life member	-

Awards / Honors

Awards / Honors	Agency / Institute	Year of Award
UGC-JRF	UGC, New Delhi	2010
Best pretense award in PSGCAS.	PSGCAS.	2019
Best protein rich food for tuberculosis	ICMR-NIRT, Chennai.	2019