



CURRICULUM VITAE

Name : **Dr. Prabhavathi S.N.**
Present position : Postdoctoral fellow and former guest Faculty in Food Science and Nutrition
Department address : Department of Studies Food Science and Nutrition
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1. ACADEMIC QUALIFICATIONS

Degree	Year	University	Subject	Class
Postdoctoral research	2022 (on-going)	University of Mysore	Health studies	-
Ph.D.	2019	University of Mysore	Food Science and Nutrition	-
M.Sc.	2006	University of Mysore	Food Science and Nutrition	I
B.Sc.	2004	University of Mysore	Home Science	I

2. ADDITIONAL QUALIFICATION AND TRAINING

- Qualified **UGC-NET** held on 30-12-2007 in the subject Home Science

- Participated in the training programme on “Quality assurance in food safety and human nutrition”, held during 5-7th November 2008 at Central food technological research institute, Mysore, co-sponsored by Dr. A.R. Gopal Ayengar education trust, Bangalore.
- Participated in Food Safety Training and Certification (FoSTaC) programme held on 22nd and 23rd March, 2019 in the Department of Food Science and Nutrition, University of Mysore, Mysuru
- Participated in faculty development programme on “**value addition in food processing and product development**” organized by department of department of food science and nutrition, nutrition association and nutrition society of India, Coimbatore chapter, avinashilingam institute for home science and higher education for women, Coimbatore from 21st-26th March 2022.

3. PROFESSIONAL EXPERIENCE

INSTITUTION	POST HELD	YEAR
Department of Food Science and Nutrition, Manasagangotri, Mysore-06	Guest faculty	2006-till date
Department of Family and Community Science, Maharani’s Science College for women, Mysore.	Guest faculty	2006-2008

FIELD OF SPECIALIZATION IN TEACHING

Food science and food processing, Product development and Sensory evaluation, Functional properties of foods and Food fortification.

4. RESEARCH EXPERIENCE

Title of Postdoctoral research: Health, Nutrition and food security: an

Intervention based study on jenu kuruba (particularly vulnerable tribal group) children from Mysore district

Title of Ph. D. Thesis : Studies on Flavour Potentiating Effect of Monosodium Glutamate with special reference to Synergism between Spices and Salt in Different Food Matrices

Title of M.Sc. Dissertation : Influence of selected maternal factors on weight gain during pregnancy

5. RESEARCH GUIDANCE: 38 (Annexure 1)

- M. Sc. Dissertations and Projects: 38

6. RESEARCH PUBLICATIONS: 27 (Annexure 2)

	National	International	Total
Research papers published	03	17	20
Review articles/papers published	-	03	03
Research papers published in Proceedings	01	01	02
Book chapters	02	-	2
Total	06	21	27

7. OTHER ACADEMIC RELATED PUBLICATIONS:

Self-learning material of Karnataka State Open University (KSOU), Mysore.	2	-	2
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8. RESEARCH PAPERS PRESENTED IN CONFERENCES/SEMINARS: 26 (Annexure 2)

	National	International	Total
Research Papers presented at conferences			
Poster papers presented	19	04	23
Oral papers presented	12	09	21
Total	31	13	44

9. PARTICIPATION IN SEMINARS/WORKSHOPS/CONFERENCES: (Annexure 3)

- International – 13
- National – 19
- Workshops -11

10 Invited Talk/ special lecture – (Annexure 4)

- Invited talk-03
- Special lecture-11

11. MEMBERSHIP OF ACADEMIC ORGANIZATIONS

- Nutrition Society of India. National Institute of Nutrition, Hyderabad.
- Indian Dietetic Association

12. AWARDS- 09

- **2nd prize for poster paper** entitled “**Nutritional status and life style habits of diabetic patients from Mysore city**” presented at international conference on Technological Advances on Super Foods for Health Care, Organized by University of Pondicherry, on 3rd-4th May 2013.
- **Best poster award** for poster paper entitled “**Maternal factors influencing birth weight among economically deprived population**” presented at national seminar on Emerging Health Issues Across the Life stages, organized by Human development, DOS in Food Science and Nutrition, University of Mysore, Mysuru, held on 6th-7th March 2014.
- **Appreciation award** for the poster paper entitled “**Efficacy of Monosodium glutamate as flavor potentiator for sodium reduction in fried products**”. Presented at 47th annual national conference of Nutrition society of India, NIN, Hyderabad. Held on 9-10th October 2015.
- **Best paper award** on Food structure and Sensory properties track, in recognition of the outstanding research paper entitled “**Flavor potentiating effect of mono sodium glutamate on acceptability profile of salt reduced tomato soups**” in 2nd international conference on Food properties (iCFP2016), held on May 31st – June 2nd 2016, Bangkok, Thailand.
- **Best paper award** for oral paper entitled “**Nutritional status and dietary pattern of women from nanjangud town of Mysore**”. Presented at 9th national women science congress. Organized by Matru vedike, swadeshi vijnana andolana Karnataka. Held on 5-7th November 2016.
- **Best paper award** for the paper entitled “**Antioxidant potential of lemon peel for stabilizing the quality of stored oils**”. Presented at 1st International Conference on Innovative Food and Nutrition Technologies for Public Health Care (ICNPH-2018) held on 4-5th, January, 2018 at Periyar University, Salem, Tamil Nadu, India.
- **Best paper award for oral paper** entitled “**Association of anthropometric measurements with biochemical parameters among diabetic patients**”. Presented at UPE sponsored silver jubilee national seminar on “risks and resilience across the life span”. Organized by Human development, department of food science and nutrition, University of Mysore. Held on 15 and 16th March 2018.
- **Best poster award** for the paper entitled “**Innovative farming techniques to fight food insecurity**”. Presented at UPE sponsored silver jubilee national seminar on “risks and resilience across the life span”. Organized by Human development, department of food science and nutrition, University of Mysore. Held on 15 and 16th March 2018.

- **Consolation prize** in oral presentation for the paper entitled “**Physicochemical properties, microstructure and sensory profile of millet based baked products**”. Presented at 3rd international conference on emerging trends in millet technology for health promotion (ICEMT-2020), organized by the department of Nutrition and dietetics, Periyar University, Salem, held on 9th and 10th January 2020.
- Certificate of recognition in oral presentation for the paper entitled “**Somatic status and Nutrient Deficiencies in Jenu Kuruba children from Ashrama Schools of H D Kote**”. Presented at national conference “My Nutricon-2022” on the theme public health aspects of nutrition towards sustainable development goals, organized by JSS medical college Mysore, held on 8th and 9th December 2022.

13. Organization of program (Seminar/conference/workshop)

- Organizing committee member - UGC and University of Mysore sponsored National seminar on “**FUNCTIONAL FOODS FOR HEALTH PROMOTION AND DISEASE PREVENTION**” held on 14th and 15th February 2008.
- Organizing committee member - Two-day National seminar on “**EMERGING HEALTH ISSUES ACROSS THE LIFE STAGES**”. Organized by Human development, DOS in Food Science and Nutrition, University of Mysore On 6th and 7th March 2014.
- Organizing committee member - UGC sponsored seminar on “**CHANGING PROFILE OF MALNUTRITION IN INDIA**”. Organized by the DOS in Food Science and Nutrition, University of Mysore on 9th January 2015.

14. DEPARTMENTAL ACTIVITIES

- Secretary of departmental nutrition society from September 2008- June 2010.
- **Obesity screening camp** organized by DOS in Food Science and Nutrition on 19th December 2015.
- Consumer awareness program conducted by DOS in Food Science and Nutrition on the theme “**AN INSIGHT IN FOOD SAFETY AND CONSUMER AWARENESS**” on 11th may 2016.
- **Nutritional medicine and wellness conclave** organized by DOS in Food Science and Nutrition on 31st May 2016.

Annexure 1

LIST OF M.Sc. DISSERTATION/ PROJECTS GUIDED- 33

2011-2012

- Nutritional status and dietary pattern of Iranians residing in Mysore.
- Microbial quality of selected commercial samples of fruit juices from Mysore city.
- Sensory attributes and shelf stability of Monosodium glutamate incorporated chakli prepared using different oils.

2012-13

- Food security, nutritional status and dietary pattern of selected women from Belawadi village of Mysore district.
- Consumption trends of processed foods among rural population from Mysore district.

2013-14

- Utilization and quality evaluation of whole grains for formulating chat poories
- Synergistic effect of MSG and spices on salt reduction from fried products
- Antioxidant properties of orange and lemon peels and their efficacy in preventing lipid peroxidation in stored oils
- Adsorption characteristics of bacterial cellulose in synthetic food color systems
- Evaluation of nutraceutical importance in the tubers of Dioscorea Rotundata and Dioscorea Cayenensis
- Evaluation of nutraceutical importance in the fruits of Ficus Hispida and Ficus Benghalensis
- Development and evaluation of functional food bar
- Preservation of aloe vera gel

- Physical characteristics of dietary fiber from different sources
- Optimization and extraction of polyphenols and antioxidant activity from wood apple
- A study to assess the effectiveness of structured teaching programme on knowledge regarding iron deficiency anemia among adolescent girls
- A study to assess the effectiveness of planned teaching programme regarding homemade feeds to cure dehydration among mothers of preschoolers in district hospital at Chitradurga
- Assessment of knowledge and practice of management and prevention of water borne diseases in a selected area of urban slum in Shimoga taluk
- Prevalence of anemia among pregnant women
- Assessment of factors contributing to obesity among housewives and working women in selected urban area
- Prevalence of malnutrition in Rural and urban school children

2014-15

- Studies on formulation of millet-based products, their sensory quality and nutrient data base of traditional and formulated products”
- A comparative evaluation of organoleptic quality of traditional sweets based on natural and artificial sweeteners”
- Prevalence of over nutritional disorders among the non-teaching staff of university of Mysore.

2015-16

- Antioxidant properties of organic and nonorganic teas

2016-17

- Formulation and evaluation of healthy nutri bars using cereal and millet flakes
- Formulation and quality evaluation of gluten free products using millet grains

2017-18

- Nutritional properties of oil seed cakes and their utilization in the formulation of baked products

- Unconventional Leafy Vegetables: Nutritional Properties and Utilization in Product Formulation

2018-19

- Formulation of multi nutrient microencapsulates using spray drying technology for utilizing as a fortificant in various food matrices.

2019-20

- A comparative study on the effect of processing techniques on nutrients and anti-nutrient contents of two varieties of kidney beans
- Comparative evaluation of nutritional properties of banana peels from three different varieties.
- Nelumbo nucifera-an exploratory study on nutritional property and sensory acceptability of products

2020-21

- A study on the effect of vegetable peel incorporation on nutritional and quality attributes of baked products
- A study on the effect of fruit peel powder incorporation on physical nutritional and sensory quality of products

2021-22

- Utilizing composite flour blends for developing baked breakfast flakes: Evaluating the nutritional and sensory properties
- Formulation of functional snack bars using natural sweetener substitutes: evaluation of nutritional and sensory properties
- Formulation and evaluation of nutritional and sensory qualities of gum drop candies supplemented with mango peel powder and wheat bran

Annexure 2

PUBLICATION OF RESEARCH ARTICLES- INTERNATIONAL JOURNALS -17

2013

1. Divyashree S, Jamuna Prakash and **Prabhavathi S.N.** Microbial Quality of Selected Commercial Fresh Fruit Juices Sold in Mysore City. *Journal of Food Science and Technology*, 2013, Vol 8; 30-34.
2. **Prabhavathi S.N.** and Khyrunnisa Begum. Socio-demographic correlates of mothers given birth to normal and low birth weight babies. *Journal of Post graduate Medical Institute*, 2013, Vol 27(3); 242-249. (Corresponding author)
3. Abdol Hossein Azimi, Jamuna Prakash and **Prabhavathi S.N.** Nutritional status and dietary pattern of Iranian's residing in Mysore city. *International Journal of Food, Nutrition and dietetics*, 2013, Vol 1(2); 5-14. (Corresponding author).

2014

4. Amritha Prakash, Jamuna Prakash and **Prabhavathi S.N.** Sensory attributes and shelf stability of monosodium glutamate-incorporated rice crackers prepared using different oils. *Advances in Food Sciences*, 2014, Vol. 36; 48-53. (Corresponding author)

2015

5. Puttarathnamma D, Jamuna Prakash and **Prabhavathi S.N.** Consumption Trends of Processed Foods among Rural Population Selected from South India. *International Journal of Food and Nutritional Science*, 2015, Vol 2 (6); 1-6

2017

6. **Prabhavathi S.N** and Jamuna Prakash. Sensory attributes of fresh herb chutneys prepared using a flavor enhancer. *EC nutrition*. 2017, Vol. (10.1); 26-36.
7. **Prabhavathi S.N** and Jamuna Prakash. Acceptability profile of tomato soup prepared using flavor potentiator and spices. *International journal of food, nutrition and dietetics*. 2017, Vol (5); 65-72 (corresponding author).
8. Maheshwari H.M, **Prabhavathi S.N**, Rajesh Devisetti and Jamuna Prakash. Determining efficacy of monosodium glutamate for salt reduction in plain and spiced 'poories' through sensory responses. *Experimental food chemistry*. 2017, Vol 3; 3-9.
9. **Prabhavathi S.N.** Anitha C and Suguna P. Assessment of Prevalence and knowledge regarding iron deficiency anemia among adolescent girls from semi-urban area of mysore. *International journal of multidisciplinary educational research*. 2017, Vol 6; 82-88. (Corresponding author).
10. Vatsala L, Jamuna Prakash and **Prabhavathi SN**. Food Security and Nutritional Status of Women Selected from a Rural Area in South India. *Journal of Food Nutrition and Population Health*. 2017, Vol. 1(2); 10

2018

11. Shwetha K., Aisha Siddique, Divya Ramesh, Jamuna Prakash and **Prabhavathi S.N.** Consumption Pattern of Indian 'Chat' Based Snacks and Formulation of Millet Based Snack 'Pories'. Research Journal of Food and Nutrition. 2018, Volume 2 (4); 30-38
12. Prakash J, Nagar MN, Devisetti R and **Prabhavathi SN.** Antioxidant Properties of Organic and Non-organic Tea Brews. Journal of Food Biotechnology Research. 2018, Vol 2; 1-5.

2019

13. Abdol Hadi Tajer, Aisha Siddiqi, Divya Prakash J., Jamuna Prakash and **Prabhavathi S.N.** Antioxidant properties of orange and lemon peels and their efficacy in preventing lipid peroxidation in stored oils. Trends in phytochemical research, 2019, Vol 3(2); 137-146.

2021

14. Mohammed ashfaq zameer B, **Prabhavathi SN** and Farhath Khanum. Physical characteristics of dietary fibers from different sources. International journal of multidisciplinary educational research. 2021, Vol 10 (2); 55-60
15. **Prabhavathi S.N.**, Anitha C and Pampapathi B.V. An education intervention based study on adolescent anaemic girls residing in rural area of Bellary district, Karnataka, India. International journal of creative research thoughts. 2021, Vol 9 (1); 2590-2602
16. Anitha. C, Madhukar Venkatesh Joshi and **Prabhavathi S.N.** Ficus carica" (fig fruit) - a therapeutic agent in treating iron deficiency anemia. International journal of multidisciplinary educational research. 2021, vol 10 (3); 157-166
17. **Prabhavathi S.N** and Jamuna Prakash. Efficacy of monosodium glutamate in sodium reduction and impact on sensory profile of traditional Indian dishes. Journal of nutritional sciences and food. 2021, Vol 1(1); 1-9

National journals-03

2013

17. **Prabhavathi S.N.**, Charlotte G Karunakaran and Ashoka H.G. A Study of Somatic Status and Complications among Female Hospitalized and Non-hospitalized Diabetic Patients from Mysore Urban Area. Indian Journal of Clinical Practice, 2013, Vol 24(3); 233-239.

2014

18. Maheshwari H.M, **Prabhavathi S.N** and Jamuna Prakash. Exploring the flavor potentiating effect of monosodium glutamate on acceptability profile of spiced “poories”. The Indian Journal of Nutrition and dietetics. 2014, Vol. 54 (3); 265-277.

2019

19. Nisha, B.S., **Prabhavathi, S.N.** and Jamuna Prakash. Development of Barnyard Millet Based Products, their Acceptability and Nutritional Composition. The Indian journal of nutrition and dietetics. 2019, Vol 56 (4); 397-411.

Full papers Published in Proceedings of the Conference/Seminar/Symposium-02

20. **Prabhavathi S.N.** and Jamuna Prakash. Flavor Potentiating Effect of Monosodium Glutamate on Acceptability Profile of Salt Reduced Tomato Soups Proceedings of the 2016 International Conference on Food Properties (iCFP2016) Bangkok, Thailand, May 31-June 2, 2016.

21. **Prabhavathi S.N** and Jamuna Prakash. Nutrition transition in Indian population-processed food consumption and food insecurity as contributing factors, 10th kannada vijnana sammelana held on 15th-17th September 2014

Review Articles published-03

22. Santhosha S.G, Jamuna Prakash and **Prabhavathi S.N.** Bioactive components of garlic and their physiological role in health maintenance: A review. Journal of Food bioscience, 2013, Vol 3; 59-74.

23. **Prabhavathi S.N.** and Jamuna Prakash. Iron deficiency anemia in growing years and its effect on cognition: a review. International Journal of Child Health and Nutrition, 2014, Vol 3(4); 1-10.

24. **Prabhavathi S.N** and Jamuna Prakash. Efficacy of Monosodium Glutamate as a Flavour Potentiator in Salt reduction: A review. Journal of nutrition and food processing. 2019, Vol 2; 1-4.

Book chapters

1. **Prabhavathi S.N and Komala M.** Reducing Postharvest Losses in Cereals and Pulses for Strengthening Food and Nutrition Security. In interdisciplinary approaches in agriculture and forestry. 2021, Taran Publications, New Delhi, 342-348. ISBN: 978-93-92313-22-6

2. **Prabhavathi S.N, Hemalatha M.S and Shwetha.** Prevalence of Anaemia Among Pregnant Women from Bangalore Urban Area in Edited Book from the UGC funded National Conference on UPWGC-SSSVP Unfolding the Potentials of Women and Girls including Children: Enhancing the Benefits Exponentially for One and All- Sabka

OTHER ACADEMIC RELATED PUBLICATIONS- TOTAL = 16

- Participated as a subject expert/script writer in audio/visual based lecture programs and in the multimedia production/e-content development (**Developed 5 modules**) under NME-ICT project of CEC-UGC, educational multimedia and research center, University of Mysore.

Sl.No	Name of the module	Year
1	Basics of food production	2016-17
2	Food commodities	2016-17
3	Additives in food production	2016-17
4	Introduction to Indian cuisine	2016-17
5	Introduction to western cuisine	2016-17

- Development of module for e-PG Pathshala in Food and Nutrition (developed 9 modules)

Sl. No	Title of the module	Year
1	Biosynthesis and oxidation of fatty acids	2017-18
2	Vitamin C- History, structure, dietary sources, distribution and absorption, utilization, transport, metabolism, storage and excretion	2017-18
3	Vitamin C- RDA, requirement, functions, deficiency diagnosis, assessment of availability of Vitamin C	2017-18
4	Hypervitaminosis	2017-18
5	Losses in preparation and handling, assessment of availability of water-soluble vitamins	2017-18

6	Essential fatty acids in human nutrition	2017-18
7	Vitamin E- Structure, functions. RDA, Deficiency disorders	2017-18
8	Vitamin K- Structure, functions. RDA, Deficiency disorders	2017-18
9	Vitamin like substances (pseudovitamins)	2017-18

- Resource person for audio/visual based lecture programmes and in the multimedia production/e-content development under NME-ICT project of CEC-UGC through educational multimedia research center, university of Mysore

Sl. No	Subject/paper/topic
01	Unit -III Macro Nutrients (part-I)- Carbohydrates Micro nutrients (part-II)- Fat soluble vitamins

- Development of self-learning (02) material for diploma courses in Karnataka state Open University in the subjects Food preservation techniques and community and health education

ORAL PAPERS PRESENTED AT INTERNATIONAL CONFERENCES- 09

1. **Prabhavathi S.N**, Shwetha K, Ayesha Siddiq, Divya prakash and Jamuna Prakash. Utilization and quality evaluation of whole grains for formulating “chat poories”, at International conference on advances in home science studies, Tirupati, held on 20th-21st February 2015.
2. Abdol Hadi Tajer, Ayesha siddiq, Divya prakash, Jamuna prakash and **Prabhavathi S.N**. Orange peel: antioxidant properties and efficacy in preventing lipid peroxidation in stored oils at International conference on advances in home science studies, Tirupati, held on 20th-21st February 2015.
3. **Prabhavathi S.N** and Jamuna Prakash. Flavor potentiating effect of monosodium glutamate on acceptability profile of salt reduced tomato soups, at 2nd international conference on Food properties, held on 31st May - 2nd June 2016, Bangkok, Thailand.

4. **Prabhavathi S.N** and Jamuna Prakash. Utilizing flavor potentiating effect of monosodium glutamate in salt reduction. 40th indian social science congress, organized by indian academy of social sciences and university of mysore. Held on 19-23rd December 2016
5. **Prabhavathi S.N.**, A.H.Tajer, Aisha Siddiqi, DivyaRamesh and Jamuna Prakash. Antioxidant potential of lemon peel for stabilizing the quality of stored oils. 1st International Conference on Innovative Food and Nutrition Technologies for Public Health Care (ICNPH-2018) held on 4-5th, January, 2018 at Periyar University, Salem, Tamilnadu, India.
6. **Prabhavathi S.N**, Hemalatha M.S and Priya S. Assessment of knowledge and practice regarding management and prevention of water borne diseases in a selected area of urban slum in shimoga district. International Conference on Advances in Nutrition and Health Communication on 3 - 4 August, 2017.
7. **Prabhavathi S.N**, Nisha B. S, Divya Ramesh and Jamuna Prakash. Physicochemical properties, microstructure and sensory profile of millet based baked products. International conference on Emerging trends in millet technology for health promotion (ICEMT 2020). Periyar University, Salem, 9th and 10th January 2020.
8. **Prabhavathi S.N**, Madhuri D shekhar and Jamuna Prakash. Organoleptic quality and energy density of beverages and sweet confections based on natural and artificial sweeteners. 10th international conference on nutritional and environmental medicine, nutrition, ayurceuticals and metabolomics. 14th to 16th February 2020.
9. **Prabhavathi S.N** Ranjitha N.L, Rajesh D and Jamuna Prakash Nutritional Properties of Copra Seed Cake and Their Utilization in the Formulation of Baked Products. International conference on science, technology and management, 5th and 6th December 2020.

ORAL PAPERS PRESENTED AT NATIONAL CONFERENCES-10

1. **Prabhavathi S.N** and Charlotte G Karunakaran. A study of somatic status and complications among female hospitalized and non-hospitalized diabetic patients from Mysore urban area 45th NIN conference 15-17th November 2012.
2. **Prabhavathi S.N** and Jamuna Prakash. Nutrition transition in Indian population-processed food consumption and food insecurity as contributing factors (10th kannada vijnana sammelana, 15-17th September 2014).
3. **Prabhavathi S. N**, Shilpa N and Hemalatha M.S. Nutritional status and dietary pattern of women from nanjangud town of mysore. 9th national women science congress. Organized by Matru vedike, swadeshi vijnana andolana Karnataka. Held on 5-7th November 2016.

4. **Prabhavathi S.N**, Anitha C and Suguna P. Assessment of prevalence and knowledge regarding iron deficiency anemia among adolescent girls from semi-urban area of Mysore. ICSSR New Delhi, Sponsored Two Days National Seminar on Sustainable Rural Development Through Governmental Programmes – Vision and Action, organized by Department of studies and Research in Economics, Karnataka state open university, Mysore, held on July 28th and 29th, 2017.
5. **Prabhavathi S.N**, Charlotte G. Karunakaran and Ashoka H.G. Associations of anthropometric measurements with biochemical parameters among diabetic patients. Silver Jubilee National Seminar on 'Risks and Resilience Across the Life Span'. Organised by Human Development, Department of Studies in Food Science and Nutrition, University of Mysore, on March 15th & 16th 2018
6. **Prabhavathi S.N**, Charlotte G karunakaran and Ashoka H.G. Associations of anthropometric measurements with biochemical parameters among diabetic patients. Silver Jubilee National Seminar on 'Risks and Resilience Across the Life Span'. Organised by Human Development, Department of Studies in Food Science and Nutrition, University of Mysore, on March 15th & 16th 2018.
7. **Prabhavathi S.N**, Anitha C and Pampapathi B.V. An education intervention-based study on adolescentanaemic girls residing in rural area of Bellary district, Karnataka, India. 12th national women science congress. Organized by SBRR mahajana's first grade college Mysore, on 7th- 9th November 2019.
8. **Prabhavathi S.N**, Priyanka K and Phani Kumar G. Determination of nutraceutical properties in the tubers of dioscorea rotundata and dioscoreacayenensis. National Conference on Health and Wellness through Nutrition and Nutraceuticals -2020 organised by Ramaiah University of Applied Sciences. 23rd and 24th January 2020.
9. **Prabhavathi S.N**, Madhuri D Shekhar and Jamuna Prakash. A comparative evaluation of organoleptic quality of traditional sweets based on natural and artificial sweeteners. National Conference on Health and Wellness through Nutrition and Nutraceuticals -2020 organised by Ramaiah University of Applied Sciences. 23rd and 24th January 2020.
10. **Prabhavathi S.N**, Hemalatha M.S and Shwetha M. Prevalence of anaemia among pregnant women from Bangalore urban area. UGC sponsored national conference on "Unfolding the potential of Women including Girls and Children: Enhancing the Benefits exponentially for One and All -Sabka Saath-Sabka Vikas". Organized by Aditi Mahavidyalaya, New Delhi on 27th March 2021.
11. **Prabhavathi S.N and Komala M**. Somatic status and Nutrient Deficiencies in Jenu Kuruba children from Ashrama Schools of H D Kote. National conference "My Nutricon-2022", on the theme public health aspects of nutrition towards

sustainable development goals. Organized by JSS medical college Mysore, held on 8th and 9th December 2022.

12. Prabhavathi S.N and Komala M. Determinants of food security among Jenu kuruba tribal population. 34th biennial national conference of home science association of India (HSAI). Organized by kerala chapter on the theme “innovation and incubation opportunities in home science for self-reliant India, held on 15th- 17th December 2022.

Annexure 3

POSTERS PRESENTED AT INTERNATIONAL CONFERENCE- 04

2013

1. **Prabhavathi S.N** and charlotte G Karunakaran. Nutritional status and life style habits of diabetic patients from Mysore city, International conference on Technological Advances in super Foods for Health Care. Pondicherry, 3rd-4th May 2013.

2015

2. **Prabhavathi S.N.** Maheshwari H.M and Jamuna Prakash. Using monosodium glutamate as a flavour potentiator in salt reduced products" at International conference on advances in home science studies, Tirupati, held on 20th-21st February 2015.

2018

3. **Prabhavathi S.N**, Rohini S, Rajesh Devisetti and jamuna Prakash. Formulation and evaluation of low sugar nutribars 50th annual international conference of nutrition society of india, held on 15-17th November, 2018.

4. **Prabhavathi S.N**, John Nithin B and Farhath Khanum. Preservation of aloe vera gel and sensory acceptability of aloe-grape squash. 8th international food convention. Organized by association of food scientists and technologists (India), on 12-15th December 2018.

POSTERS PRESENTED AT NATIONAL CONFERENCES/ SEMINARS- 19

2012

5. **Prabhavathi S.N.**, Abdol Hossein Azimi and Jamuna prakash. Nutritional status and dietary pattern of Iranians residing in Mysore. 44th national conference, organized by nutrition society of India, tirupati chapter, on 16-17th November 2012.

6. Divyashree S, Jamuna Prakash and **Prabhavathi S.N.** Microbial quality of selected commercial samples of fruit juices from Mysore city. 44th national conference, organized by nutrition society of India, tirupati chapter, on 16-17th November 2012.

7. **Prabhavathi S.N** Amritha Prakash and. Jamuna Prakash Sensory attributes and shelf stability of monosodium glutamate incorporated chakli using different oils. 5th annual KSTA conference on science and technology for societal transformation. Held on 19-20th December 2012.

2013

8. **Prabhavathi S.N.**, Jinju Mathew and Jamuna Prakash. Nutritional status of women and children with HIV- AIDS and perception of care givers. 45th national conference on inter sectoral approach to promote food and nutrition security. Organized by nutrition society of india on 21-22nd November 2013.

9. Vatsala L, jamuna prakash and **Prabhavathi S.N.** Nutritional status and dietary pattern of women from belawadi village of Mysore district. 45th national conference on inter sectoral approach to promote food and nutrition security. Organized by nutrition society of india on 21-22nd November 2013.

10. Puttarathnamma D, Jamuna Prakash and **Prabhavathi S.N.** Consumption trends of processed foods among selected rural population from Mysore. 45th national conference on inter sectoral approach to promote food and nutrition security. Organized by nutrition society of india on 21-22nd November 2013.

2014

11. **Prabhavathi S.N.** and Khyrunnisa begum. Maternal factors influencing birth weight among economically deprived population, UGC sponsored National seminar on emerging health issues across life stages organized by Human Development, DOS in Food Science and Nutrition, University of Mysore, Mysore on 6th-7th March 2014.

12. **Prabhavathi S.N** and Jamuna Prakash. Iron deficiency anemia during infancy and possible approaches for prevention. UGC sponsored National seminar on emerging health issues across life stages organized by Human Development, DOS in Food Science and Nutrition, University of Mysore, Mysore on 6th-7th March 2014.

13. **Prabhavathi S.N**, Vatsala L and Jamuna Prakash. Assessment of food security among the households of Belawadi village of Mysore city. UGC sponsored National seminar on emerging health issues across life stages organized by Human Development, DOS in Food Science and Nutrition, University of Mysore, Mysore on 6th-7th March 2014.

2015

14. **Prabhavathi S.N.** Nisha B.S and Jamuna Prakash. Development of barnyard millet-based products and analysis of nutritional composition. 47th Annual national conference, NSI Hyderabad, held on 9th-10th October 2015.

15. Mahashwari H.M. **Prabhavathi S.N.** and Jamuna Prakash. Efficacy of Monosodium glutamate as flavor potentiator for sodium reduction in fried products. 47th Annual national conference, NSI Hyderabad, held on 9th-10th October 2015.

2016

16. **Prabhavathi S.N.**, Kiran S and U.V. Mani. Assessment of nutritional status and knowledge, attitude and practice (KAP) of non-teaching staff of University of Mysore. 5th women science congress, held at Mysore on 4th-6th January 2016.

17. **Prabhavathi S.N.** Anitha C, and Najma Nasreen S.N. A comparative study on the nutritional status of rural and urban school children of Hassan district. 5th women science congress, held at Mysore on 4th-6th January 2016.

18. Nisha B.S, **Prabhavathi S.N** and Jamuna Prakash. Development of nutrient database for millet based traditional and formulated products. 5th women science congress, held at Mysore on 4th-6th January 2016.

2017

19. **Prabhavathi S.N.**, Rohini S, Rajesh devisetti and Jamuna Prakash. Formulation and quality evaluation of low sugar millet based healthy bars. 26th ICFOST, held at Hyderabad on 7-9th December 2017.

20. **Prabhavathi S.N** and Jamuna Prakash. Sensory attributes of fresh herb chutneys prepared using a flavor enhancer. National conference on Food based approaches for translational nutrition. Organized by nutrition society of india, Mysore chapter, on 12-13th April, 2017.

21. **Prabhavathi S.N** and Jamuna Prakash. Acceptability profile of tomato soups developed using flavor potentiator and spices. UGC sponsored national conference on scientific perspectives in homescience. Organized by faculty of home science, on 6-7th March 2017.

2018

22. **Prabhavathi S.N.**, Priya M.B, Rajesh Devisetti and Jamuna prakash. Formulation and evaluation of gluten free snack products utilizing millets. Silver Jubilee National Seminar on 'Risks and Resilience across the Life Span'. Organised by Human Development, Department of Studies in Food Science and Nutrition, University of Mysore, on March 15th & 16th 2018.

2020

23. **Prabhavathi S.N**, Madhuri D Shekhar and Jamuna Prakash. A comparative evaluation of organoleptic quality of traditional sweets based on natural and artificial sweeteners. National Conference on Health and Wellness through Nutrition and Nutraceuticals -2020 organised by Ramaiah University of Applied Sciences. 23rd and 24th January 2020.

Annexure 4

PARTICIPATION IN WORKSHOP/SEMINAR/SYMPOSIUM- 10

2011

1. Two day work shop on “Current trends in nutritional, health and food safety issues-management and measurement perspectives. Held on 15-16th November 2011, organized by JSS institute, JC campus, Mysore.

2013

2. Attended workshop on “Literature review”, held on 19th December 2013, organized by Mysore university library, University of Mysore.

2014

3. Two day national seminar on “Functional foods for health promotion and disease prevention”. Held on 14-15th February 2014, Organized by the department of Food Science and Nutrition, University of Mysore

4. Technical workshop on “Exploring Scifinder (chemical abstracts) for scientific research in academia, held on 4th January 2014, organized by Mysore university Library, University of Mysore.

2015

5. Participated in the brain storming session on “Current trends in nutritional management of kidney disorders”, held on 12th March 2015, organized by Indian dietetic association, Mysore chapter.

2016

6. Participated in 10-day Work shop on Research data analysis using SPSS and Excel held on 8th to 17th February 2016 at Manasagangothri, University of Mysore.

7. Symposium on “Climate is changing- food and agriculture must too”. Held on 16th October 2016, organized by the department of food science and nutrition, Yuvaraja’s college (autonomous) and Nutrition society of India- Mysore chapter, Mysore.

8. One day workshop on “Application of statistics in the field of food science and nutrition and human development using SPSS. Held on 19th November 2016, organized by Department of studies in Food science and Nutrition, University of Mysore.

2018

9. UGC sponsored symposium on “Evidence based nutrition for prevention and management of diabetes” held on 21st March 2018, organized by Department of studies in Food Science and Nutrition, University of Mysore.

10. One day symposium on the theme “Clinical nutrition and dietetics- current practices and future trends”, held on 6th September 2018, organized by Department of studies in Food Science and Nutrition, University of Mysore and Indian dietetic association, Mysore chapter.

Annexure 5

Invited Talk/Special Lecture in Seminar/Training Program/Orientation Program/ Contact class

Invited talk- **03**

Special lectures- **11**

2018

1. **Prabhavathi S.N**, Rajesh devisetti and Jamuna prakash. Free glutamic acid in selected vegetables and organoleptic quality monosodium glutamate added vegetable-based products. **Invited speaker at IUFOST** 19th world congress of food science and technology, held on 23rd-27th October 2018, Mumbai

2. **Prabhavathi S.N.** and Jamuna prakash. Acceptability profile of cereal based traditional dishes prepared by incorporating a flavor enhancer. **Invited speaker at IUFOST** 19th world congress of food science and technology, held on 23rd-27th October 2018, Mumbai

Special lectures-

2007

1. Delivered a lecture on “**Food constituents**” for the students of certificate in nutrition and food at Karnataka state Open University, Mukthagangothri, Mysore during May 2007

2008

2. Delivered a lecture on “**Family nutrition**” for the students of certificate in nutrition and food at Karnataka state Open University, Mukthagangothri, Mysore during April 2008
3. Delivered a lecture on “**Food packaging**” for the students of certificate in nutrition and food at Karnataka state Open University, Mukthagangothri, Mysore during April 2008

2011

4. Contributed as a resource person for the lecture series program on “Healthy cooking, hygiene and nutrition” held under nutrition society of india, Mysore chapter and Mahila samakhya yojane of government of Karnataka on 4-5th, 11-12th, 30-1st, and 16-17th of December 2011 at DOS in Food science and nutrition, University of Mysore.

2013

5. Delivered a lecture on “Nutrition during pregnancy and Young adulthood” for the students of Diploma in Nutrition and Health Education, Karnataka state Open University, Mukthagangothri, Mysore during April 2013
6. Delivered a lecture on “**Nutrition for the community and meal planning**” for the students of Diploma in Nutrition and Health Education, Karnataka state Open University, Mukthagangothri, Mysore during April 2013
7. Delivered a lecture on “**Nutrition care in metabolic diseases**” for the students of post graduate diploma in nutrition and dietetics, Mukthagangothri, Mysore during October 2013.

2014

8. Contributed as a resource person for the nutrition trainees of old age home on “**Minerals in human nutrition**” held under the auspices of nutrition society of India Mysore chapter on 25-26th October 2013 and 3-11th November 2014.

2020

9. Delivered a lecture on “**Food preservation**” for the students of post graduate diploma in nutrition and dietetics, Mukthagangothri, Mysore during June 2020.

2021

10. Participated as a Resource person and delivered a Lecture on “**Macronutrients**” in Karnataka State Open University Contact Class for post graduate diploma nutrition at Mukthagangothri, Mysore from 30th May to 3rd June 2021.

11. Participated as a Resource person and delivered a Lecture on “**Antioxidants and natural supplements**” in Karnataka State Open University Contact Class for M.Sc Clinical nutrition and dietetics studies at Mukthagangothri, Mysore on 11th June 2021.

2022.

- Participated as a resource person and conducted practical sessions in pre-conference workshop on “**Food safety and adulteration**” in national conference “My nutricon-2022” organized by JSS medical college Mysore, held on 8th and 9th December 2022.

References:

1. Prof. Jamuna Prakash (Rtd)- Former professor in department of Food Science and Nutrition, University of Mysore. E-mail: jampr55@hotmail.com, Mob: 9845247386

2. Prof. Komala M. – Department of Food Science and Nutrition, Professor of Human Development, University of Mysore. E-mail: komalagangadhar71@gmail.com, Mob: 9980425919

3. Dr. Anitha C. Assistant Professor, Karnataka State Open University, Mysore. E-mail: anithaksou@gmail.com, Mob: 9916030230