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**Dr. K.KAVITHA**  
**GUEST LECTURER**

**Contact**

Address : Department of Home Science  
Govt. Arts College for Women  
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Tamil Nadu, INDIA

Date of Birth : 21.07.1983  
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**Academic Qualifications: M.Sc., MPhil., Ph.D, NET**

**Teaching Experience: 6 years 7 Months**

**Research Experience:1 year**

**Areas of Research: Food and Nutrition (Seaweed)**

**Research Supervision / Guidance:**

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**Events Participated**

**Conferences / Seminars / Workshops:**

1. Organized an International Symposium on **“Dietary Trends”** held on 17<sup>th</sup> December, 2019 by Indian Dietetic Association, Kilakarai Chapter, Kilakarai.
2. Organized an International Symposium on **“Nutritional Insights into Ageing and Neurogenerative Disorders”** held on 18<sup>th</sup> January, 2020 by Indian Dietetic Association, Kilakarai Chapter, Kilakarai.
3. Presented a research article in a National conference on **“Bioprospecting of Marine Resources with Special Reference to Marine Natural Products and Drug Discovery”** being held between 25-27, August

- 2010, entitled “ Production of Biofuel Ethanol from Seagrass Biowastes” Organised by School of Marine Science, Alagappa University, Karaikudi, Tamil Nadu.
4. Attended X<sup>th</sup> National conference on “**Science in Tamil**” held on August 7<sup>th</sup>, 2010, Organized by the Manonmaniam Sundaranar University, Tirunelveli.
  5. Attended a National conference on “**Applications of Nanotechnology in Current Agricultural Practices**” being held between 9-10 February 2011, Organised by the Department of Biology, Dr. Zakir Hussain College, Ilayangudi, Tamil Nadu.
  6. Attended a state level seminar on “**Exploration of Bio Chemicals for safe Environment**” held between 29<sup>th</sup> Sep-2011, Organised by the Department of Bio Chemistry, Caussanal College of Arts and Science, Muthupettai, Ramanathapuram, Tamil Nadu.
  7. Attended an International Conference on “Environmental Security for Food and Health” held during 16-18 Feb-2012 and presented paper entitled “**Horizontal Distribution Of Nutrition In Water and Sediment Sample along Palk Strait Coast**” organized by the M.D.T. Hindu College, Tirunelveli.
  8. Attended a National seminar on “**Bio Knowledge for Better Environment**” held between 28-29 February -2012, organized by the Department of Microbiology, Syed Hameedha Arts and Science College, Kilakarai, Ramanathapuram, Tamil Nadu.
  9. Attended National seminar on “Advances In Crop Improvement and Stress Management” being held between 5-6 March-2012 and presented a research article entitled “**Biodiversity Conservation of Gulf of Mannar Coastal Region Plants to Improve Salinity Breeding**” organized by department of Genetics and Plant Breeding, Annamalai University.
  10. Attended National seminar on “**Therapeutics Of Bioactive Compounds**” being held between 9 -10, December-2013, and presented a research poster paper entitled “Seaweeds The Potential of Food Applications” organized by the Department of Home science, Gandhigram Rural Institute-Deemed University, Dindigul.
  11. Attended National seminar on “Therapeutics Of Bioactive Compounds” being held between 9-10 December -2013 and presented a research poster paper entitled “**Analytical study on the Standardization of Methodology for Edible Seaweeds for Human Consumption**” Organized by the Department of Home science, Gandhigram Rural Institute- Deemed University, Dindigul.
  12. Actively participated in “**Food Awareness Programme**” being held between 26 to 28 August 2014 Organized by Government Hospital, Kilakarai.
  13. Attended International Conference on “Bioprospecting of Natural Resources for Human Health” held on 10 September 2014 and presented a research article in the entitled “**Toxicological studies on mangrove plant Excoecaria Agallocha in Albino Rats**” Organized by the Department of Zoology, Dr. Zakir Hussain College, Ilayangudi, Tamil Nadu.
  14. Attended National Seminar on “**Best Practices in Teaching and Quality Assessment at College Level**” held on 4<sup>th</sup> November-2014, Organized by the Internal Assurance Cell & Department of Psychology, Thassim Beevi Abdul Kader College for Women, Kilakarai.
  15. Attended one day Orientation on “**Total Quality Teacher**” held on 27 April 2015, organized by the Quality Circle for Staff Development, Thassim Beevi Abdul Kader College for Women (Autonomous), Kilakarai.
  16. Attended Four Day Workshop on “**Communication Skills**” being held between 01-04 June 2015, organized by the Quality Circle for Staff Development, Thassim Beevi Abdul Kader College for Women (Autonomous), Kilakarai.

17. Attended 48<sup>th</sup> Annual National Conference of Indian Dietetic Association, IDACON 2015 on **“Nutrition In Transition – A Global Challenge”** being held between 19-21 November-2015, organized by the Indian Dietetic Association, Bangalore chapter, The Lalit Ashok, Bengaluru.
18. Attended a **“International Satellite Symposium on Emerging Trends in Nanotechnology”** being held between 17-18 December-2015, jointly organized by the Department of Home science & Research Centre and Department of Chemistry, Thassim Beevi Abdul Kader College for Women (Autonomous), Kilakarai, Ramanathapuram, Tamilnadu.
19. Attended EXPLORIA'16, the grand Fest on **“Innovative Responses to Social and Environmental Issues”** held on March 9<sup>th</sup> - 2016, Organized by the Fatima College (Autonomous), Madurai.
20. Attended International conference on **“Food and Health for Everyday, Everywhere”** being held between 6-8<sup>th</sup> June-2016, and presented a research poster paper entitled **“Incorporation and Sensory Evaluation of Selected Edible Seaweeds in Indian Indigenous Recipes”** Organized by the Department of Home science and Research Centre, Thassim Beevi Abdul Kader College for Women (Autonomous), Kilakarai, Ramanathapuram, Tamilnadu.
21. Attended One-Day Workshop on **“Project Proposal & Paper Writing”** being held on 28<sup>th</sup> September 2017, organized by the Department of Physics , Ananda College, Devakottai.
22. Attended One Day Workshop on **“Research Inspiration”** being held On 5<sup>th</sup> October - 2017, Organized by the Quality Circle for Staff Development, Thassim Beevi Abdul Kader College for Women (Autonomous), Kilakarai.
23. Attended One Day Workshop on **“Thesis Writing”** being held on 21<sup>st</sup> December 2017, organized by the Quality Circle for Staff Development, Thassim Beevi Abdul Kader College for Women (Autonomous), Kilakarai.
24. Attended One Day Workshop on **“Optimal Use of E-Resource”** being held on 22<sup>nd</sup> December 2017, organized by the Quality Circle for Staff Development, Thassim Beevi Abdul Kader College for Women (Autonomous), Kilakarai.
25. Attended National Symposium on **“Advance In Cancer Research (NSACR-2018)”** being held on 14 February -2018 and presented a research paper entitled **“ Seaweed and cancer prevention”** organized by the Department of Microbiology, Karpagam Academy of Higher Education, Coimbatore.
26. Presented a research article in National Seminar on Abiotic Stress Agriculture: Constraints and Strategies being held between March 6<sup>th</sup> and 7<sup>th</sup> 2018, entitled **“Plant Abiotic Stress Challenges”** Organized by the Department of Genetics and Plant Breeding, Faculty of Agriculture, Annamalai University, Annamalai Nagar, Tamil Nadu.
27. Invited Talks in National Seminar on New Materials Research and Nanotechnology (NSNMRN-2018) being held between 19-21, March 2018, entitled **“ The Role of Nano Technology in Seaweed Food ”** Organized by the Department of Physics, Sethupathy Government Arts College, Ramanathapuram, Tamil Nadu.
28. Presented a research article in National Seminar on New Materials Research and Nanotechnology (NSNMRN-2018) being held between 19-21, March 2018, entitled **“Eco Friendly Synthesis of Copper Oxide Nanoparticles Using Brown Seaweed”** Organized by the Department of Physics, Sethupathy Government Arts College, Ramanathapuram, Tamil Nadu.
29. Presented a research article in International Conference on Recent Scenario in Plant Science Research – Climate Change and Its Associated Variations (ICRSPSR-2018) held between 23-25, March 2018,

entitled **“Seaweed and Cancer Prevention”** Organized by the Department of Botany, Annamalai University, Annamalai Nagar, Tamil Nadu, India.

30. Presented a research article in One Day National Conference on Eco-Waste Management 2019 (NCEM-2019) held on January 25<sup>th</sup>, 2019, entitled **“Toxicological Studies in Seaweed”** Organized by the Department of Zoology, Government Arts College, Melur, Tamil Nadu, India.
31. Presented a research article in National Seminar on Advances in Plant Science Research –Climate (APSR-2019) held between 27<sup>th</sup> -28<sup>th</sup> February, 2019, entitled **“Bioactive Compounds from Marine Seaweeds”** Organized by the Department of Botany, Annamalai University, Annamalai Nagar, Tamil Nadu, India.
32. Presented a research article in National Seminar on Climate Resilient Agriculture for Abiotic Stress being held between 12<sup>th</sup> and 13<sup>th</sup> March, 2019, entitled **“Environmental Stress”** Organized by the department of Botany, Annamalai University, Annamalai Nagar, Tamil Nadu, India.
33. Presented a research article in one day National Seminar on MUDRA – A Boon for MSE and Startups in India’ MBMS – 2020 held on 26<sup>th</sup> February, 2020, entitled **“Women Entrepreneurship: Seaweed Farmers in the Coastal Region of Mandapam, Tamil Nadu”** Organized by the department of Economics, Sethupathy Government Arts College, Ramanathapuram, Tamil Nadu.
34. Presented a research article in National Seminar on “Climate Smart Agriculture for Sustaining Crop Productivity and Improving livelihood Security” being held between 27-28, February-2020, entitled **“A Climate Smart Approach for Sustainable Food Production ”** Organized by the Department of Botany, Annamalai University, Annamalai Nagar, Tamil Nadu, India.

## Others

### MEMBERSHIP:

- Treasurer in Indian Dietetic Association (2018-2021)

### AWARDS RECEIVED:

- Received Books and Silver Medal for **University II<sup>nd</sup> Rank** in M.Sc during the period of 2003-2005 in Thassim Beevi Abdul Kader College for Women, Kilakarai, Ramanathapuram.
- **UGC Rajiv Gandhi National Fellowship** (Ph. D) has awarded since Sep-2010 to Sep- 2013.
- Received **“Dr.Sir C.V.Raman Best Scientist State Award-2019”** in the Bahujana Writers State Conference on 25<sup>th</sup> August, 2019 Organized by Bahujana Sahitya Academy (BSA).

### SPECIAL TRAINING ATTENDED:

- Participated in the one year **“Computer – cum – Internet Literacy Programme”** during the year 2001-2002, conducted by the Directorate of Collegiate Education, Department of Higher Education, Government of Tamilnadu in Government Arts College for Women, Ramanathapuram.

### INTERNSHIPS ATTENDED:

- Quality Control – Premier marine product, Mandapam
- Dietetics – K.G. Hospital, Coimbatore
- Catering – Hotel Arokya, Ramanathapuram
- Dietetics - Pioneer Hospitals Private Limited, Ramanathapuram.

**CAMPS ATTENDED:**

- Community Social Service Camp at Maruthan Thoppu, Kilakarai
- Personality Development Camp organized by PENN Foundation.

### Publication in Proceedings

S.no	Name of the Seminar/Conference/Workshop	Date	Title
1	The UGC Sponsored National Conference on Advanced Networking and Applications, ISSN: 0975-0282, pp:113-119	27th March, 2015.	Internet of Things: A Great Wonder
2	National Conference on Computational Methods, Communication Techniques & Informatics. ISBN: 978-81-933316-1-3, pp:286-288	27 <sup>th</sup> January, 2017.	Ant Colony optimization based on lossless image compression
3	The National conference on Novel Trends in computer science ISSN: 0975-0290, pp:82-85	4 <sup>th</sup> March, 2017	Analysis of various image processing techniques
4	The National conference on Novel Trends in computer science ISSN: 0975-0290, pp:86-88	4 <sup>th</sup> March, 2017	A Study of Ant colony optimization for image compression
5	The National conference on Emerging trends in computing  ISBN: 978-93-80481-14-2, pp:23	13 <sup>th</sup> March, 2017	Particle Swarm Optimization based lossless image compression Technique
6	The National conference on Emerging trends in computing  ISBN: 978-93-80481-14-2, pp:34	14 <sup>th</sup> March, 2017	Cloud Computing for job scheduling using Ant colony technology