

CAUVERY COLLEGE FOR WOMEN
(AUTONOMOUS)
STAFF PROFILE

PERSONAL INFORMATION

- 1. Name** : Dr. B.THANUJA
2. Date of Birth : 16/12/1979
3. Address :

Residential	Office
No. 15-Kumaran Nagar, 17 th Cross, Puthur. Trichy – 620017.	Department of Food Service Management and Dietetics, Cauvery College for Women (Autonomous), Trichy – 620018.

ACADEMIC INFORMATION

- 4. Designation & Department:** Associate Professor and Head,

Department of Food Service Management and Dietetics.

- 5. Educational Qualification :**

Degree	Year	College/University
B.Sc., Nutrition and Dietetics	1998 -2001	Seethalakshmi Ramaswami College, Trichy.
M.Sc., Food Service Management and Dietetics	2001 -2003	Cauvery College for Women, Trichy.
M.Phil., Foods and Nutrition	2007	Mother Teresa Women's University. Kodaikanal.
SET (Home Science)	2011	
Ph. D ., Food Science and Nutrition	Sep.22, 2023	Periyar University, Salem.

6. Researcher ID :

GOOGLE SCHOLAR:

<https://scholar.google.co.in/citations?user=BM3ZDooAAAAJ&hl=en>

ORCID:

<https://orcid.org/0000-0001-6385-4896>

SCOPUS ID:

<https://id.elsevier.com/settings/redirect?code=qWfIGAdoJX9b8dKUEzTrm25trooGsNJsCBRBnism>

MENDELEY:

<https://www.mendeley.com/settings/account/>

WEB OF SCIENCE:

<https://apps.clarivate.com/account?app=censub&tab=email&next=https:%2F%2Fmjl.clarivate.com%2Fhome>

PUBLONS:

https://publons.com/account/login/?reauthenticate=true&email_address=thanuja.fsmd%40cauverycollege.ac.in

VIDWAN:

[174901](#)

7. Experience :

Date of Joining	Institution	Year of Experience
01.12.2004	Cauvery College for Women (Autonomous), Trichy.	18 Years

8. Areas of Specialization : Food Service Management and Dietetics

9. Languages known : Tamil, English

10. Subjects Taught :

UG	Principles of Nutrition, Nutrition Through Lifecycle, Community Nutrition, Diet Therapy, Food Science, Food Processing, Food Standards and Quality Control, Food Service Management, Principles of Interior Design
PG	Advanced Dietetics, Functional Foods and Nutraceuticals, Food Product Development, Advanced Food Science, Food Service Management, Clinical Biochemistry, Research Methodology
M.Phil	-

11. Research Supervision:

	University from where guideship obtained	Thesis		
		Completed (in numbers)	Year of Completion	Pursuing (in numbers)
M.Phil				
P.hD				

12. Details of Publications:

Journal Name & Volume	Year of Publication	ISBN Number	Name of the Paper	Impact Factor
Cauvery Research Journal (Volume 1 , Issue 1) Page No.64-66	July 2007	ISSN 0975-1300	Assessment of nutritional knowledge among adolescent girls and impact of nutrition education	-
International Journal of Health Sciences and Research (Volume 8, Issue 2) Page No.241-248 (Galore Knowledge Publication Pvt. Ltd. Gujarat ,India)	February 2018	ISSN 2249 -9571	Role of Black rice in health and diseases	3.56
International Journal of Pharmaceutical Sciences and Research (IJPSR) (Volume 11, Issue 3) PageNo.1203-1209 (Society of Pharmaceutical Sciences and Research ,India)	March 2020	E-ISSN 0975-8232 P-ISSN 2320-5148	Comparison of Antioxidant compounds and Antioxidant activity of Native and dual modified rice flour	0.83
Indian Journal	Oct 2021	0976-0997	Antioxidant Properties of	

of Natural Sciences, Volume12, Issue 68, Pages 34047- 34051 (Tamil Nadu Scientific Research Organisation, India)			Native and Dual Modified White and Black Rice Flour	
Materials Today: Proceedings (Elsevier) Volume 62 Part 8, 2022	March 9,2022	ISSN: 2214- 7853	Characterization of black rice flour modified by enzymatic and heat moisture treatment https://doi.org/10.1016/j.matpr.2022.02.643	1.8
International Journal of Food Science and Nutrition Volume 7, Issue 2, 2022, Page No. 1-5	March 2022	ISSN: 2455- 4898	Development of fig fruit (<i>Ficus carica L.</i>) based jam products and evaluation of sensory attributes	
Journal of Food, Agriculture & Environment, (WFL Publisher Ltd. Finland) Vol. 20, No. 1, 14-18	June 2022	ISSN (Print): 1459-0255 ISSN (Electronic): 1459-0263	In vitro anticancer activity of native and modified black rice flour against colon cancer cell line (HCT116). https://doi.org/10.1234/4.2022.5585	

13. Details of Papers / Posters Presented:

Date	Organizer	Name of the Seminar	Paper Name
14.03.2006 & 15.03.2006	Department of Commerce, Cauvery College for Women, Trichy.	National Seminar on “Going Global Challenges and Opportunities”	Establishment of health education centre for adolescent girls
19.12.2009 & 20.12.2009	*National Institute of Food Technology Entrepreneurship and Management (NIFTEM), India.	Workshop cum training on “Career and Business Prospects in Food Processing”	Poster – Research dimensions in food processing –Health threats in junk food processing

	*Indian Institute of Crop Processing Technology, Thanjavur. *Cauvery College for Women, Trichy.		
05.12.2013	Department of Home Science, Seethalakshmi Ramaswami College, Trichy.	UGC Sponsored National Level Seminar on ‘Art in Everyday Life’	Art of application of anti-cancer lifestyle pattern
12.02.2018	Sri Sarada College for Women, Salem.	UGC- International Conference on “Human Wellness –A holistic Approach”	Antioxidant potential of Black rice (<i>Oryza sativa L.</i>) on cancer
24.01.2019 & 25.01.2019	Department of Nutrition and Dietetics, Periyar University, Salem.	International Conference on “Current approaches in Nutraceuticals and Food Technology for Diabetes Management”	Nutraceutical and antioxidant properties of native and dual modified rice flour varieties
28.06.2019	Indian Institute of Food Processing Technology, Thanjavur	National Conference on “Emerging Techniques in Food Processing”	Poster- Effect of Processing on Total Phenolic Content and DPPH Radical Scavenging Activity of Black Rice Flour
10.01.2022 & 11.01.2022	CMR Institute of Technology, Bengaluru	International Conference on “Emerging Trends in Materials Science and Technology (ICETMT 2022)”	Characterization of black rice flour modified by enzymatic and heat moisture treatment
23.03.2023	Dept.of Nutrition & Dietetics & IQAC Sengamala Thayaar Educational Trust Women’s College (Autonomous), Mannargudi	National Conference on “Recent Advances in Value Addition and Food Processing”(NCFP-2023)	Formulation of heart healthy meal plan and evaluation of impact of nutrition intervention on hypercholesterolemia

14. Details of Seminars / Conferences / Workshops Attended:

Year & Date	Organizer	Title	National / International	Topic
28.08.2009 & 29.08.2009	Indian Institute of Crop Processing Technology, Thanjavur	Conference	International	Food Technology (INCOFTECH 2009)
18.08.2011 to 20.08.2011	*ICT Academy of Tamil Nadu. *Bharathidasan University, Trichy	Skill based training program		“ e – Literacy”
27.08.2016	*Department of Nutrition & Dietetics, Aiman College of Arts and Science for Women, Trichy. *Indian Dietetic Association, Chennai Chapter.	Conference		“Opportunities and Challenges in Dietetic Profession”
23.04.2018 &24.03.2018	Department of Biochemistry, Srimad Andavan Arts and Science College, Trichy.	Workshop	National	Training in Animal Experimentation and Phytochemical Techniques (TAEPT -2K18)
24.08.2018	Department of Library & Information Science, Bharathidasan University, Trichy.	Workshop	National	“Research Intelligence and Scholarly Publishing”
20.12.2018	Cauvery College for Women, Trichy	Workshop		Microsoft One Note
26.09.2019 & 27.09.2019	Cauvery College For Women, (Autonomous), Trichy & Tamil Nadu State Council for Science & Technology	Workshop	State	State Level Technical Workshop on “Intellectual Property Rights”
17.02.2020 & 18.02.2020	Cauvery College For Women, (Autonomous), Trichy	Seminar		UGC – Paramarsh A Two Day Seminar On “NAAC Revised Accreditation framework”

17.03.2023	Food Processing Business Incubation Centre (FPBIC) – National Institute of Food Technology, Entrepreneurship and Management (NIFTEM), Thanjavur	One Day Training Programme		Processing of RTE & RTC foods
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Details of Seminars / Conferences / Workshops Attended:(Through online mode)

Level	Topic	Date & Time	Resource Person	Organizer
International level-Webinar	Nutrigenomics	09.05.2020 (5.30 -6.30 pm)	Dr.Vimal Karani.S Associate Professor in Nutrigenetics&Nutrigenomics, University of Reading, UK.	Xcellogen Biotech India Pvt.Ltd.
International level-Webinar Series	Webinar Series and Virtual Conference on “Food Forensics : Investigating Food Crimes and Frauds” 1.Food safety Issues in India	16.05.2020 (10-11 am)	1.Mr.B.S.Acharya, Joint Director, FSSAI, India.	Institute of Research and Development, Gujarat Forensic Sciences University.
	2.Global perspectives of Food crime	16.05.2020 (6,30-7.30pm)	2.Mitchellweinberg, New York, USA.	
	3. Food Frauds: An Industrial Outlook.	17.05.2020 (6.30-7.30)	3.Dr.Raviraj SinhJadeja, Food safety Expert, USA.	
	4. Food Frauds in Supply	23.05.2020 (8-9am)	4.Mr.Ron Stakland, VP Business	

	Chain and Other Risk		development , Global ID, USA.	
International level – Webinar	The COVID 19Effect-The Permanence of Change	26.05.2020 (5-6 pm)	Mr.John D’ Rosario, Certification Manger, Oman. & Regional Technical Manager-Middle East Region, Bureau Veritas Certification.	Dept. of Food processing Technology, PSG College of Arts & Science, Coimbatore.
National level- Webinar	Two days National Webinar on “Food & Nutrition in the present scenario of COVID -19” (Presented Paper- Functional Foods and Immunity)	13.05.2020 & 14.05.2020 (12 - 1.30pm)	Dr.Sagita Deodiya, Head & Associate Professor, Dept.of Home Science, Vasant KanyaMahavidyalaya, Kamacha, Varanasi.	Dept. of Home Science, Vasant Kanya Mahavidyalaya, Kamacha, Varanasi.
Natioal level -FDP	Two day FDP on “Virtual Teaching”	20.04.2020 & 21.04.2020		Coimbatore Institute of Technology
National Level online training	National Level online training on “Moodle Learning Management System”	5 days (25.04.2020 to 29.04.2020)	-	*Sri Ramakrishna College of Arts & Science, Coimbatore. *Spoken Tutorial Project, IIT,Bombay. *Funded by National Mission on Education through ICT, MHRD, Govt. of India.
National level -FDP	Two –Week FDP “E-Learning Resource Creation”- A beginning towards new era of e-learning.	08.06.2020 To 20.06.2020	-	Dept.of Computer Science & Engineering, DY Patil College of Eng. & Tech, Kolhapur.
International-	International	01.06.2020	1.Dr.Krishnan Sriram,	Chennai Urology and

Webinar	Webinar on “Critical Care & Renal Nutrition”	To 03.06.2020 (4 -5pm)	Tele-Intensivist, US Dept.Veterans Affairs, USA. 2.Mrs.Meenakshi Bajaj, RD Tamil Nadu Govt. Multi Superspeciality Hospital. 3.Dr.P.Nazni, Professor & Head, Dept of N&D, Periyar University, Salem. 4.Mrs.Ipsita Chakravarthy, HOD, Dept.of Dietetics, Culcutta Medical Research Institute.	Robotics Institute(CURI) Hospital & *IDA Chennai Chapter
Seminar	Seminar on “Research Paradigms and Intellectual Property Rights”	02.06.2020 (9.30- 3.30pm)	1.Dr.A.Jaya, Professor, 2.D.P.Amudhavalli, Assistant professor, 3.Dr.Sudha Rajesh, Dept.of Computer Applications. B.S.Abdur Rahman Crescent Institute of Science & Technology, Chennai.	Dept.of Computer Applications, B.S.Abdur Rahman Crescent Institute of Science & Technology, Chennai.
Webinar	“Healthy foods for Healthy Life – Eat Right to Nourish You”	04.06.2020 *Session I Super Foods (10.30-11.30 am) *Session –II Healthy Recipes (2.40-3.30 pm)	1..Mrs.Shiny Surendran, Sports and Preventive health Nutritionist, Tamira Aesthetic Clinic, Chennai. 2.Mrs.Mallika Badrinath, Culinary Expert	“Dept. of Home Science, Shrimathi Devkunvar Nanalal Bhatt Vaishnav College for Women, Autonomous, Chennai.
International Webinar	International Webinar on “Traditional Functional	20.06.202 (11-12pm)	Dr.Anto Cordelia Tanislaus Antony Dhanapal, Asst.Prof. Faculty of	Dept.of Botany, Home Science, & Hospital Administration,

	Foods to Boost Immune Health”		Science, Dept.of Chemical Science, Universiti Tunku Abdul Rahman, Malaysia.	Seethalakshmi Ramaswami College, Autonomous, Trichy.
International Webinar	International Webinar on “Nutritional Genomics”	13.06.2020 (2.30-4.30pm)	1.Dr.Vimal Karani, Ass.Prof.Nutrigenetics & Nutrigenomics, University of Reading, UK. 2.Dr.S.Kowsalya, Registrar & Prof.Dept.of Food Science & Nutrition, Avinasilingam Inst. For Home Science and Higher Education for Women, Coimbatore.	Dept.of Nutrition & Dietetics & B.Voc.Food Processing, Seethalakshmi Ramaswami College, Autonomous, Trichy.
International Webinar	International Webinar on “Traditional Functional Foods to Boost Immune Health”	20.06.2020 (11-12pm)	Dr.Anto Cordelia Tanislaus Antony Dhanapal, Asst.Prof. Faculty of Science, Dept.of Chemical Science, Universiti Tunku Abdul Rahman, Malaysia.	Dept.of Botany, Home Science, & Hospital Administration, Seethalakshmi Ramaswami College, Autonomous, Trichy.
	Metabolomics: A Novel Research Tool to Examine Mechanism Underlying Diet Disease Association	09.07.2020 (2-3pm)	Dr.Shilpa N Bhupathiraju Research Scientist , Department of Nutrition , Harvard T.H.Chan School of Public Health, USA.	Dept. of FSM& D, Avinasilingam Inst. For Home Science and Higher Education for Women, Coimbatore
Online Short term Course	UGC - Sponsored Online Short term course in E- learning & E- Content Development	05.01.2022-11.01.2022		University Grants Commission- Human Resource Development, Bharathidasan University, Trichy.
Online Certificate Course	Research and Publication Ethics	10 March-10 April, 2023		Bishop Moore College, Mavelikara; St. John’s College, Agra;

				Catholicate College, Pathanamthitta, Cauvery College for Women, Trichy; Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi.
Online FDP	National Level Online Faculty Development Programme on “Outcome Based Education and Essential AI Tools for Teachers”	2 To 9, Nov. 2023 (7 - 9 pm)		IQAC & Dept of Computer Science, St. Albert’s College, Ernakulam. & The Kerala State Higher Education Council.
Online FDP	Five -Day National Level Online Faculty Development Program on “Emerging Trends in Therapeutic Nutrition”	24-29. Feb,2024 (10,30 - 11.30 am)		PG Department of Food and Nutrition, Bishop Heber College, Autonomous, Trichy.

15. Details of Seminars / Conferences / Workshops Organized:

Date	Role	Organizer	National / International	Topic	Resource Person
26.09.2019 & 27.09.2019	Organizing Secretary	Cauvery College for Women, (Autonomous), Trichy & Patent Information Center, Tamil Nadu State Council for Science & Technology	State	A Two –day State Level Technical Workshop on “Intellectual Property Rights”	1.Shri.D.Thiyagaraja Guptha, Asst.Controller, Patent Office, Chennai. 2.Mrs.B.Lakshmi, Senior Examiner of Trade Marks &Geographical Indications Trademark Registry, Chennai. 3.Ms.Gomati Padma Thilaga Regd. Patent Agent, KIRAN-IPR (Women Scientist- C) 4.Mr.T.Srinivasan Joint Partner Lakshmikumar

					and Sridharan, Chennai
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16. Details of Orientation / Refresher Course Attended:

Date	Title of the Course	Organizer
01.11.2007 to 28.11.2007	Orientation Course	Bharathidasan University, Trichy.

17. Details of Study Materials / Books /Book Chapter written and published:

Name of the Book & Publisher	Book/ Book Chapter	Year of Publication	ISBN /EISBN	Name of the Chapter	Page No.
Human Wellness – A Holistic Approach. Publisher – Q Books, Coimbatore.	Book Chapter	2018	978-93-80800-87-5	Antioxidant potential of Black rice (<i>Oryza sativa L.</i>) on cancer	103 - 111
New Vistas in Food Processing. Publisher – Department of Nutrition and Dietetics & B.Voc. Food Processing, Seethalakshmi Ramaswamy College (Autonomous), Trichy	Book Chapter	2020	978-93-5396-575-4	Chemo Preventive Effect of Black Rice on Colon Cancer	80 -84
Recent Trends in Multidisciplinary Research -Volume 2 Publisher- Ryan Publishers, Trichy	Book Chapter	Nov. 2023	978-81-19587-63-6	Exploring the health benefits of pearl millets (<i>Pennisetum glaucum</i>):A sustainable grain for the future	114- 133
Multiple Choice Questions in Home Science for Competitive Examinations Publisher- Ryan Publishers, Trichy	Book - Editor & Author	2023	978-81-19587-05-6 978-81-19587-06-3		

18. Details of Chairing as Resource Person:

Date	Title of the Seminar/Conference	Session Chaired
23.03.2023	National Conference on “Recent Advances in Value Addition and Food Processing (NCFP-2023)” Organized by Dept.of Nutrition & Dietetics & IQAC Sengamala Thayaar Educational Trust Women’s College (Autonomous), Mannargudi	Chaired a session for E-Poster presentation
30.01.2024 & 31.01.2024	International Conference on “Emerging Strategies in Nutrition, Food and Lifestyle for Health Management (ICESN’24)” Organized by Dept. of Nutrition & Dietetics, Seethalakshmi Ramaswami College, (Autonomous) Trichy.	Chairperson for Oral and Poster presentation
11.03.2023	Intercollegiate meet “NUTRIFEST 2024” Organized by Department of Nutrition and Dietetics, & IQAC, Sengamala Thayaar Educational Trust Women’s College, Autonomous),Mannargudi.	Technical Chairperson for the presentation

19. Administrative Positions held in the College:

Nature of Position	Year
Head of the Department	2017 , June
ISO – Internal Auditor	2020

20. Details of In-Charge / Membership in Committees for Autonomous:**21. Details of Incharge / Participation in Extracurricular Activities :****(NSS, NCC, Sports, Games, Voluntary Association and Cultural Activities):**

Nature of Activity	Period of Incharge

22. Details of Participation in Consultancy, Training, Development etc..:**23. Details of Membership in Academic Bodies/ Board of Studies and Reviewer Details:****24. Details of Membership of Professional Bodies:**

- Life Membership –Indian Dietetic Association, Chennai Chapter.
(Membership No. LM 100 2/ 16)
- Nutrition Society of India, Hyderabad.
(08.02.2024)

25. Countries visited academically: -**26. Any other information if any:****Extension activities**

Date	Topic	Venue	Beneficiaries
01.08.2006	Assessment of nutritional status among school going children and distribution of low cost nutritious recipes	Amoor, Periyakodundurai	School going children
31.01.2007	Assessment of nutritional status among school going children and demonstration on preparation of low cost nutritious recipes	Kannakiliyanalur	School going children and their Parents
05.09.2008	Assessment of nutritional status among school going children	Kallor	School going children
27.08.2009	Awareness on health and hygiene	Tennur MiddleSchool, Trichy	School going children

10.09.2009	Basic awareness on nutrition and hygiene	Thiruthanthoni Primary School, Trichy	Preschool Children and their Parents
11.08.2010	Nutrition and health for autism children	Hope special School, Srirangam, Trichy	Parents of special children
05.09.2013	Role of millets in healthy life	Sevai Santhi School, Sirugammani	School going children
29.09.2013	Positive lifestyle approach through healthy diet	National institute of Technology(NIT), Trichy	I Year B.E., and B.Tech. Students
15.02.2016	Food adulteration	Cauvery College for Women, Trichy	Students of Citizen Consumer Club, Cauvery College for Women, Trichy
16.02.2016	Adolescent Nutrition	Sesha Iyengar Memorial Hr. Sec. School, Woraiyur, Trichy	Adolescent school going boys and girls
27.07.2018	Lifestyle and dietary modifications for cancer prevention	Seethalakshmi Ramaswami College, Trichy.	Students of Department of Nutrition and Dietetics
06.10.2021 to 08.10.2021	Training for Teaching and Non Teaching Faculty on “Dietary Guidelines and Menu Planning for Pregnant and Lactating Women” -Menu Planning for lactating women (Practical demo) on	Cauvery College For Women(Autonomous), Trichy.	Pregnant and Lactating Women (Teaching and Non Teaching Faculty)

	08/10/2021		
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SWAYAM - NPTEL Courses Completed

Course	Organizer	Duration	Exam date	Credit	Marks
Novel Technologies for Food Processing	IIT Kharagpur.	Jan -Apr, 2019 (12 Weeks)	27/04/2019	3	40%
Health Research Fundamentals (FDP)	ICMR National Institute of Epidemiology	July-Sep. 2019 (8 Weeks)	28/09/2021	2	58%
Maternal Infant Young Child Nutrition (FDP)	IIT Bombay	Jan-Apr. 2023 (12 Weeks)	30/04/2023	3	72% Elite

E-Content Developed

Title	YouTube link	Hosted date
A Functional Food Source – Black Rice	https://youtu.be/Sijqh5QMxEc	27.06.2019
Role of Dietary Antioxidants in the Prevention of Cancer	https://youtu.be/7QlbZoAH-DY	25.04.2020
Skin Structure and Function	https://youtu.be/yM4zzv7bxGQ	25.04.2020
Diet Therapy	https://youtu.be/aa9bvQtJv6s	23.05.2020
Introduction to Dietary Modification	https://youtu.be/9EUFrKdmd5U	24.06.2020
Vitamin –A Deficiency Disorder	https://www.youtube.com/watch?v=1MPXETAIAx8	29.06.2020

Colours	https://www.youtube.com/watch?v=zaQtjUYJ7Ds&t=2s	13.07.2020
Anemia	https://www.youtube.com/watch?v=JtkeWuAXrCc	21.07.2020
Principles of Interior design	https://www.youtube.com/watch?v=u8WXuXTYEII&t=12s	17.08.2020
Overweight & Obesity	https://www.youtube.com/watch?v=n154vCZMwrw&t=818s	17.08.2020
Dietary treatment for Underweight	https://www.youtube.com/watch?v=FVU3Q6bSIwE&t=39s	23.08.2020
Elements of design	https://www.youtube.com/watch?v=PCE-rAy8ne0	23.08.2020
Food Science –Fruits	https://www.youtube.com/watch?v=sHw5C902avc	06.09.2020
Nutritional significance of Vitamin-C	https://youtu.be/KgVWw61e2c8	24.01.2022
Atherosclerosis	https://www.youtube.com/watch?v=LgsxAQ6_oJ4	July 2022
Phases of Cancer Development	https://www.youtube.com/watch?v=TO-J_A6Av8k&ab_chan	May 2023
Nutritional Therapy for Burns	https://www.youtube.com/watch?v=HOVCic980bA&t=1s&	May 2023
Role of Protein in Human Nutrition	https://www.youtube.com/watch?v=PEA8qdw wCDc&ab	May 2023