

PROFILE

Personal information:

Name : **P.V.GOPIMANIVANNAN**

Designation: **Asst. Professor and HOD**

Department: **Food Science and Nutrition**

Mobile: 94895-56491; 95664-54082.

Email:

gopimanivannan@mannarcollege.ac.in

gopi.dairy11@gmail.com



Academic qualification:

NET:

- NET – National Eligibility Test for Asst. Professorship qualified on Dairy Microbiology in 1997; ASRB (**ICAR**), New Delhi.

Post-Graduation:

- University: **NDRI** – National Dairy Research Institute (**ICAR**), Karnal, Haryana, India.
- **M.Sc. Dairying**. (A 3 -year program)
Specialization: **Dairy Technology & Dairy Microbiology**
- Year: 1997

Under Graduation:

- University: Thiagarajar college (Autonomous), affiliated to Madurai Kamaraj University, Madurai
- B.Sc. Botany specialized in Plant Science and Microbiology
- Year: 1994

Fellowship availed:

JRF-Junior Research Fellowship in Masters Programme (**ICAR** – Indian council of Agricultural Research)

Area of Research :

Application of Dairy related non-lactic acid microorganisms for removal of pesticide residues in Milk (M.Sc., Dissertation work).
Used **HPLC** Shimazu

Certificate of Merit:

Isolated a new strain of ***Geotrichum candidum*** promising pesticide degrading milk mould in PG dissertation work and deposited with **NCDC** – National Collection of Dairy Cultures and the same has been slotted accession number **228**; NDRI, Karnal, Haryana.

Board of Studies Member:

1. B.Voc. Food Processing Engg. Dept. of Animal Sciences,
MS University, Tirunelveli.

2. B.Sc. Food Processing and Management.
Subbalakshmi-Lakshmipathy College of Science,
Madurai – 625 022

WORKING EXPERIENCE IN ACADEMIC:

- In Microbiology

Designation: Lecturer

Department: PG Department of Microbiology

Period: 29th July 1999 to 31st May 2001

Organization: **Thiagarajar College** (Autonomous),
Affiliated to MKU, **Madurai** – 625 009

- In Microbiology & Biotechnology

Designation: Sr. Lecturer / Visiting Faculty

Department: PG Department of Microbiology & Biotechnology

Period: 2008 & 2009.

Organization: **SrimadAndavan College,**
Affiliated to Bharathidasan University.
Tiruchirappalli

- In Food and Dairy Technology & Food Science and Nutrition

Designation: **Asst. Professor and HOD**

Department: Food and Dairy Technology &
Food Science and Nutrition

Period: 17th September **2020 onwards**

Organization: **Manner Thirumalai Naicker College** (Autonomous),
Affiliated to MKU, Madurai

- **BIS Bureau of Indian Standards**

Ministry of Consumer Affairs, Food and Public Distribution,
Government of India.

BIS Standards Club (3963) – Trained Mentor

• **Mentor of the company: under Section-8 Company act.**

MTNC AGRO FOOD CAMBERS

CIN: U9411OTN2023NPL164038

PAN: AARCM3404A

TAN: MRIM05068A

WORKING EXPERIENCE IN - INDUSTRY

Position	Nature of work	Period	Name of the Industry
Officer	Quality Assurance	10 th Sep. 2001 to 29 th Feb. 2004	ABT Industries Ltd., Dairy Division, Pollachi, (Tamil Nadu)
Asst. Manager	Production & QA	1 st March 2004 to 31 st March 2006	Vijay Dairy& Farm Products (P) Ltd., Trichy, (Tamil Nadu).
Manager	Total Quality Management	1 st April 2006 to 31 st March 2008	
Asst. Manager	Quality Assurance	2 nd April 2008 to June 30 th 2010	HatsunAgro ProductLtd., (Arokya Milk) Salem.
Asst. General Manager	Plant I/c Production & Quality	1 st July 2010 to 31 st Dec. 2010	KalaiyarKoil Milk Processing (P) Ltd., KalaiyarKovil – 630 321 Sivagangai Dt.
Asst. Manager / SrAsst Manager / Deputy Manager / Sr Deputy Manager / Manager	Maintenance & Chilling Center Operations	19.03.2012 to31.03.2020	HatsunAgro ProductLtd., (Arokya Milk) Chennai

PROJECT WORK

I. Tamil Nadu State Council for Science & Technology Government of Tamil Nadu.

Title : Bioconversion of Dairy Effluent - SCP Production

Code : 132 / ESO11 / TNSCST / SPS / RP / 2000-2001

Amount: Rs.5000/-

II. M.Sc., Projects (As Supervisor and Guide)

(Thesis submitted to Thiagarajarcollege (Autonomous), Affiliated to Madurai Kamaraj University, Madurai in partial fulfillment of the degree of **Master of Science in Microbiology**)

1. Microbiological Quality of Market milk supplied in Madurai city.
2. Study on Fermented Dairy product – Yoghurt.
3. Bioconversion of Dairy effluent by *SpirulinaPlatensis*.
4. Isolation and Characterization of Bacteria from Tannery effluent.

III. UG Projects(As Supervisor and Guide)

1. Study on the quality of market milk supplied by vendor in Madurai region. (An Institution sponsored seed money project - MTNC).
2. Development of Nutri-cookies fortified with Moringa leaves (*Moringaoleifera*) – (Calcium and Iron enriched to overcome malnutrition among children)

III. Industrial Projects:

- **HAP**HatsunAgro Products Ltd

1. Establishment of **Toxicology Lab**@ HAP Salem.
2. **HPLC** machine standardization –**Waters (USA)** @ HAP, Salem.
- **Shimazu**– @ NDRI, Karnal.
3. Methods development:
(For the detection of following residues in Milk)
 - i. Aflatoxin M1 in Milk by **HPLC**
 - ii. Aflatoxin B1 in Feed by **TLC**
 - iii. Antibiotics in Milk by **Delvo& Beta star**.
 - iv. CAP – Chloramphenicol in Milk by **ELISA**
 - v. Melamine in Milk by **ELISA**.
4. Establishment of Microbiology Lab @ HAP, Madurai.
5. CIP system improvement
6. **Chilling centers and Bulk coolers management.**
7. Method development for accuracy of testing
8. CIP system upgraded with **Johnson Diversey chemicals.**

- **ABT Industries Ltd.**, Dairy Division, Pollachi

1. **Paneer production** from buffalo milk.
2. Production of AcidoWhey – **whey drink**.
3. Production of sterilized **Flavored Milk**.
4. Material balancing - Animal to Dock.

- **Vijay Dairy & Farm Products (P) Ltd.**, Trichy
 1. Paneer production from Cow Milk.
 2. Production of sterilized Flavored Milk.
 3. Production of Curd & Butter Milk.
 4. Production of Ghee.

INDUSTRIAL ACTIVITIES:

1. ISO activities
2. FSSAI activities
- 3. SOP formulation**
4. TQM activities and
- 5. 5-S' activities**

RESOURCE PERSON IN THE FOLLOWING ORGANIZATIONS:

1. **Agri – Clinics & Agri – Business Training Programme,**
MANAGE, National Institute of Agricultural Extension
Management, VAPS, Madurai.
2. Milk & Milk Products – Value addition & Marketing. **MSME,**
Ministry of Micro, Small & Medium Enterprises
Development Institute, Madurai.
3. **Mobile Agri Clinic** – Soil, Water & Milk Testing Laboratory,
Aladdin Organic Agri Clinic, Madurai.

4. Training on “Milch Animals” to SHG’S under MahalirThittam,
Canara Bank Rural Self Employment Training Institute
(CBRSETI), Dindigul.
5. Food Preservation Technique, **Jeya College of Hotel Management and Catering**, Kovilpatti, Thoothukudi Dist.
6. TNAU, Community college and Research center, Department of Food Science and Nutrition
7. TNAU
8. **“Food Quality Testing – Milk and Milk Products”**, under Skill Enhancement course on Food Quality Testing, Organized by the Molecular Epidemiology and Diagnostic Research Facility (MEDRF), **Department of Immunology**, School of Biological Sciences, **Madurai Kamaraj University** on **22.11.2023**

DETAILS OF TRAINING, SEMINARS, WEBINAR, SYMPOSYA& WORKSHIOP

ATTENDED:

Month/year	Details	Place
Feb. 2000	Congress on Human Ecology for Women (IIT, IARI, Delhi University)	New Delhi
Aug. 2000	Seminar of Food Processing (Ministry of food processing industries, New Delhi)	Madurai
Sep. 2000	Training on Fruits and Vegetable Preservation, Home Science college & Research Institute, Tamil Nadu Agricultural University (TNAU).	Madurai
Oct. 2000	Symposium on Recent Trends in Advanced Molecular Microbiology (SVN College)	Madurai

Aug. 2007	Dairy Farming and Fodder Production, UTRC, Tamil Nadu Veterinary & Animal Sciences University (TANUVAS).	Trichy
Dec.' 2007	Mushroom culture, KVK, Sirugamani, TNAU.	Trichy
Oct. 2008	Conference on current & Innovative approaches in Microbiological Food safety management, International Seminar (by ILSI- India & ICMSF)	New Delhi
Jan'2011	Vermicomposting, Dept of Soil & Environment, TNAU	Madurai
06.01.11 to 06.03.11	Agri-Clinics & Agri-Business Training Programme, Manage-National Institute of Agricultural Extension Management (NIAEM), Hyderabad. (VAPS)	Madurai
Feb.'2011	Goat Farming - Stall Feeding, UTRC, TANUVAS	Madurai
Oct'2013	SasasDG set Maintenance Programme, JN Machineries, Cummins	Madurai
March'2014	RMC - Rapid Milk chilling Training - Shiva type, PromotheanSpenta Technologies P Ltd.	Salem
June'2016	ABC - Active Bulk Milk Coolers Training, PromotheanSpenta Technologies P Ltd.	Salem
Dec'2018	IBT - Ammonia safety Programme	Palacode
Oct'2020	World Food Day and Food safety webinar, MTNC.	Madurai
19.12.2020	Challenges in Milk Sourcing by Dr. KBaskarasethupathy, IDA - Indian Dairy Association, TN chapter.	Webinar
28.12.2020	Economics on Profitable Dairy Rationing, Dr. S.Nelson Sam, IDA - Indian Dairy Association,	Webinar

	TN chapter.	
Jun. 2021	Management of Modern Dairies, Agripreneurs under Agri-clinics and Agri-business Centres Scheme, Karnal	Webinar
Sep. 2021 11.01.2021	Transformational Leadership & Institutional Excellence STC – School of Management, SreeSaraswathiThyagaraja College Microbiological Interpretations, Mr. Anilkumar, IDA - Indian Dairy Association, TN chapter.	Madurai. Webinar
24.03.2022	National Seminar on Energy Efficiency Improvement and cost saving opportunities for the Dairy and Food processing Industry, Sri Venkateswara Veterinary University, Tiupati, Govt of AP.	Tirupati, AP
27.04.2022	Faculty enhancement programme on Education 4.0 for sustainable economic development, MannarThirumalaiNaicker College.	Madurai.
15.09.2022 – 16.09.2022	Faculty Research Programme on Dynamics of Research Publications, MannarThirumalaiNaicker College.	Madurai.
22.08.2022 – 24.08.2022	FDP on Stress Management	Madurai.
27.03.2022	Education 4.0 for sustainable Economic Development, MannarThirumalaiNaicker College.	Madurai.
18.03.2023	Faculty Enhancement Programme on Insights of National Educational Policy (NEP-2020), MannarThirumalaiNaicker College.	Madurai.

17.03.2023	Faculty Enhancement Programme on Consultancy AND Corporate Training, MannarThirumalaiNaicker College.	Madurai.
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PUBLICATIONS & PRESENTATIONS:

1. **Gopimanivannan.P.V.**, Aggarwal, P.K., Rattanchand and Harish Chandear (1997). Lindancetolerance of milk mould, Abstracts, 38th Annual Conference of Association of Microbiologist of India, New Delhi.
2. Nilavu.S., and **Gopimanivannan .P.V.**, (1999). Degradation of Engine Oil by Soil Bacteria, Abstracts, Seminar on Applied Biology, Thiagarajar College (Autonomous), Madurai.
3. Nirupamadevi.P., Kavitha.S. and **Gopimanivannan .P.V.**, (2000) Antibacterial activity of Lettuce (*Lactuca sativa*) against Human pathogens, Abstracts, Seminar on Applied Biology, Thiagarajar College (Autonomous), Madurai.
4. Aarthy.K., Rekha.K., & **Gopimanivannan.P.V.**, (2000), The Microbiological quality of market milk supplied in Madurai City (Tamil Nadu), Abstracts, Seminar on Applied Biology, Thiagarajar College (Autonomous), Madurai.
5. **Gopimanivannan.P.V.**, (2000). Women in Dairying in Tamil Nadu, Abstracts, Congress on Human Ecology for Women, New Delhi.
6. **Gopimanivannan .P.V.**, Rekha .K., and Rajesh .K., (2000), Spirulina – a food supplement, Journal of DNA – diary of natural awareness, vol-2.
7. **Gopimanivannan .P.V.**, Chand Ram and Aggarwal .P.K., (2001), Screening of lindane degrading Milk mould, Indian J. Dairy & Bioscience, 12, 80-83.

8. **Gopimanivannan .P.V.**, Aggarwal .P.K., and John Paul., (2006)., Pesticide Residues in Cattle Milk, J. Ecol. Res. Biocon, 7, 16-19.
9. **Gopimanivannan.P.V.**, (2021), Probiotics – Present and future scope. International conference in Mother Teresa Women's University, 23.09.2021
10. **Gopimanivannan,P.V.**, (2022), Improving Energy efficiency and Cost savings – in the operation of Bulk Milk Chilling Centers (BMC) – Lead paper.National Seminar on Energy Efficiency Improvement and cost saving opportunities for the Dairy and Food processing Industry, Sri Venkateswara Veterinary University, Tiupati, Govt of AP, 24.03.2022
11. **Gopimanivannan.P.V.**, (2023), Quality of Raw Milk supplied in Madurai region of Tamil Nadu International conference on "Dairy Products in Human Health and Nutrition: Innovations and Opportunities" - Oral Presentation, Periyar University, Salem on 14.12.2023

ALL INDIA RADIO:

MADURAI, KODAIKANAL and TRICHY.

1. **Gopimanivannan .P.V.**, (2000), Spirulina – The Millenium food (Food and Nutritive Value), Interview, All India Radio, Madurai and Kodaikanal on 14.10.2000, at 8.45 A.M.
2. **Gopimanivannan .P.V.**, (2000), Spirulina – The Millenium food (Therapeutic and Economic value), Interview, All India Radio, Madurai and Kodaikanal on 11.11.2000 at 8.45 A.M.
3. **Gopimanivannan .P.V.**, (2001), Removal of pesticide residues in milk, talk, All India Radio, Madurai and Kodaikanal on 3.3.2001 at 8.45 A.M.

4. **Gopimanivannan .P.V.,** (2001), Yoghurt – Medicinal food, Documentary, All India Radio, Madurai, on 5.5.2001 at 7.30 A.M.
5. **Gopimanivannan .P.V.,** (2001), Eco – friendly Tanning, Documentary, All India Radio, Madurai.
Part I on 18.08.2001 at 7.30 A.M.
Part II on 25.08.2001 at 7.30 A.M.
Part III on 01.09.2001 at 7.30 A.M.
6. **Gopimanivannan .P.V.,** (2002), Features on Dyeing industry, Documentary All India Radio, Madurai.
Part I on 03.11.2001 at 7.30 A.M.
Part II on 10.11.2001 at 7.30 A.M.
Part III on 17.11.2001 at 7.30 A.M.
7. **Gopimanivannan .P.V.,** (2003), Chemical Additives in Mineral Water, All India Radio, Madurai on 25.04.2003 at 7.30 A.M.
8. **Gopimanivannan .P.V.,** (2005), Hardness of Water, All India Radio, Trichy on 20.11.06 at 8.30 A.M.
9. **Gopimanivannan.P.V.,** Microbes in the production of milk products. Interview, All India Radio, Trichy on 15.02.2008 at 9.16 PM.
10. **Gopimanivannan.P.V.,** World Food Day celebration and Food safety webinar, All India Radio, Madurai on 16.10.2020 Rainbow FM 100.3 at 6.00 PM.

11.Gopimanivannan.P.V., National Milk Day, Interview, All India Radio, Madurai on 26.11.2020 FM Rainbow 103.3 MHz at 06.30 AM; Primary channel 1269 KHz at 08.05 AM.

12.Gopimanivannan.P.V., Millets – International Millets Year 2023, All India Radio, Madurai on 31.12.2022 FM Rainbow 103.3 MHz **LIVE** at 11 to 12 Noon.

13.Gopimanivannan.P.V., Millets – documentary. All India Radio, Madurai – Primary channel on 02.03.2023 at 5.00 to 5.30 PM.

14.Gopimanivannan.P.V., Nutritional Value of Milk and its importance, All India Radio, Madurai on 12.03.2022 FM Rainbow 103.3 MHz **LIVE** at 3 to 4 PM.

15.Gopimanivannan.P.V., World Milk Day - 2023, All India Radio, Madurai on 03.06.2023 FM Rainbow 103.3 MHz **LIVE** at 11.02AM to 12 Noon.

16.Gopimanivannan.P.V., World Breastfeeding week - 2023, All India Radio, Madurai on 03.08.2023 FM Rainbow 103.3 MHz **LIVE** at 11.02 AM to 12 Noon.

17. Gopimanivannan.P.V., White Revolution, National Milk Day – 2023, All India Radio, Madurai on 25.11.2023 FM Rainbow 103.3 MHz **LIVE** at 11.02 AM to 12 Noon.

EXTRA CURRICULAM:

Organization	Position	Period	Grade Obtained
Bharat Scouts	NSVV School	1985-88	‘A’
NSS	NSVV School	1999-91	‘A’
NCC	Junior Division	1987 – 98	‘B’
	Senior Division	1991 – 93	‘B’
BIS - Standards Club	Mentor – BIS SC 3963 MTNC	2022 - Onwards	‘A’

Social Activity :**1. Vice – President, (1997 – 1998)**

Student Union, **NDRI** (Deemed University), Karnal, Haryana.

2. General Secretary, Ever Green India,

Tree Plantation Movement, Madurai – 625 001

3. Founder President, Vainavamani Foundation (Charitable Trust),

Madurai – 625 018

Other Studies:

1. DGT – Diploma in Gandhian Thoughts

(Madurai Kamaraj University)

2. World Religious Studies,

Gandhi Peace Science Institute, Gandhi museum, Madurai.

Languages Known : **Tamil, English & Hindi**

(Speak, Read & Write).

Members in Professional Societies(Life Member):

1.IDA - Indian Dairy Association, New Delhi.

PP/LM/6367/SZ/TN

2.AMI - Association of Microbiologists of India.

LM/633/1997

3. IDFA – International Dairy Foods Association (USA)

4. TNSF - Tamil Nadu Science Forum.

&Vice President, MaduraiNorth District.

5.IDA - Indian Dairy Association- Tamil Nadu Chapter

Executive Committee Member – 2023 to 2026

(Professional and Planner category)

- P V GOPIMANIVANNAN