

Government Arts College for women (Autonomous), Pudukkottai
STAFF PROFILE

i) General Information

- a) Name : Dr. G. Sankar,
b) Address (Residential) : NO.202, Block E, Vasanth Vihar
Apartments, 1st cross, Thillainagar,
Trichy - 620018
c) Designation : Associate Professor,
d) Department : Dept. of Zoology,
e) Date of Birth : 3//07/1971
f) E-mail id ; sankarcas@rediffmail.com
g) Area of Specialization : Aquaculture and Ornamental Fish Culture.



A) Academic Qualification

Exam Passed	Subjects	Board/ University	Year	Division/ Grade/ Merit, etc.
High School	Tamil, English, Maths, Science and Social Science	Board of Secondary Education	1986	I - Grade
Higher Secondary	Tamil, English, Physics, Chemistry, Botany, Zoology.	Board of Higher Secondary Education	1988	I - Grade
UG	B. Sc., Zoology	Maduraikamaraj University	1992	I - Grade
PG	M.Sc., (Marine Biology)	Annamalai University	1994	I – Grade
M.Phil.,	-	-	-	-
Ph.D.,	Ph.D- (Marine Biology)	Annamalai University	1998	Highly Commended

ii) Research Experience & Training

Research Stage	Title of work / Thesis	University where the work was carried out
M. Phil. or Equivalent	----	----
Ph.D.	“Studies on the hydrobiology, benthic ecology and fisheries of Muthupet lagoon, India”	Annamalai University
Post-Doctoral	----	----
Publications (give a list separately)	Refer Annexure -I	-----
Research Guidance (give names of students guided successfully)	Refer Annexure -II	-----
Training (please specify)	-----	-----

B) Research Projects carried out.

S. No.	Title of the Project	Name of the Funding Agency	Duration	Remarks
1	Recovery of endangered level Marine species	UGC - CPEPA	5 years (91 lakhs)	Completed
2	Up-scaling the hatchery production of marine aquarium fishes	DST-SEED	3 years (38 lakhs)	Completed
3	Developmental of marine ornamental fish aquarium and technology	Tamil Nadu Government project	5 years (37 lakhs)	Completed

C) Seminars, Conferences, Symposia Workshops etc. attended (If necessary, give a separate list)

Name of the Seminars / Conferences / Symposia / Workshops etc -----	Name of the Sponsoring Agency -----	Place and Date -----
Yoga for mental and respiratory health Webinar	Sathyabama Institute of Science and Tecnology	Chennai 20 to 22 July 2020
Virtual Symposium on Aquaculture Industries	Sathyabama Institute of Science and Tecnology	Chennai 20 to 25 July 2020
A Perspective of emerging advances in Life sciences	Ethiraj College for women	Chennai 27 to 29 July 2020
Philosophy of Science	Annamalai University	Annamalai Nagar 27 to 2 nd August 2020
International Conference on Innovative Technology of Animal Farming	Dr.Ambedkar Govt Arts College	Chennai 3 rd & 4 th August 2020
Virtual PDP & Capacity Building Program	Centre for women Empowerment & Women Studies M.S. University	Tirunelveli 1 st to 7 th August 2020
Webinar on Understanding Gene Experession	Maharanis Science College for Women	Bangalore 11 th Aug 2020
International Webinar on Biodiversity Conservation	Brahmananda Keshab Chandra College	Kolkata 14 th & 21 st Aug 2020
Workshop on Aquaculture & Fisheries	Guru Nanak College	Chennai 13 th to 19 th Aug 2020
International Webinar on Biodiversity Conservation	Brahmananda Keshab Chandra College	Kolkata 24 th , 29 th & 4 th Sep 2020
Training Programme on Biofloc Fish Culture & Mangement	University of Madras	Chennai 7 th to 9 th Aug 2020
National Webinar on Nutrision for all ages during COVID – 19	Akkamahadevi Womens University	Karnataka 1 st to 7 th Sep 2020
International Workshop on Aquaculture & Fisheries	Guru Nanak College	Chennai 3 rd to 10 th Sep 2020
International Conference on Multidisciplinary Innovations in Science & Tecnology	Oxford College of Science	Bangalore 18 th & 19 th Sep 2020
Workshop on Curriculum Design & Development based on Learning Outcomes	Govt Arts College for Women	Pudukkottai 21 Nov 2020

lii} Teaching Experience

Courses Taught	Name of the University / College / Institution	Duration
iv) UG (BA / B.Sc. /BCA/ B.Com/BBA)	Govt Arts College for Women Pudukkottai & Annamalai University	2017 to 2021 2007 to 2016
v) PG (MA / M.Sc/MCA/M.Com,MBA/etc.)	Govt Arts College for Women Pudukkottai & Annamalai University	2017 to 2021 2003 to 2017
vi) M. Phil	Annamalai University	2006 to 2017
vii) Ph.D	Annamalai University	2007 to 2017

Total Teaching Experience (in years and months):

- a) Under-graduate : Fourteen Years
- b) Post-graduate : Eighteen Years
- c) Research : (M.Phil) Eleven Years
- : (Ph.D) Ten Years

viii) Innovations/ Contributions in Teaching (If necessary, give a separate list)

a) Design of Curriculum:	Member of Board of Studies
b) Teaching methods:	Lecture, Seminar, Tutorial, Practical, Extension Activites.
c) Laboratory experiments:	Demonstration, Virtual.
d) Evaluation methods:	Assignment, Group discussion, Seminar, Conducting tests – Internal test ,Weekly test

e) Preparation of resource material including books, reading materials, laboratory manuals etc.:	Study materials, Question banks, Key notes, Laboratory notes, Internet notes, Book material, Journals & Articles Resources.
f) Remedial Teaching / Student Counseling (academic) :	Mentor- mentee method Tutorial Classes, Counseling for UG & PG Students
g) Any other:	Minor Project – PG Students

ix) Extension Work/ Community Service (If necessary, give a separate list)

a) Please give a short account of your contribution to: Served as a **Placement co-ordinator** from 2003 to 2017. Recruited 432 students in different national and International level companies.

i) Community work such as values of National Integration, secularism, democracy, socialism, humanism, peace, scientific temper, flood or drought relief, small family norms etc.

ii) National Literacy Mission :

b) Positions held / leadership role played in organizations linked with Extension Work National Service Scheme (NSS), or NCC or any other similar activity

D. Participation in Corporate Life

Please give a short account your contribution to:

a) College/ University / Institution	College
b) Co-curricular Activities	Yes
c) Enrichment of Campus Life (Hostels, sports, games, cultural activities)	Yes
d) Students Welfare and Discipline	Yes
e) Membership / Participation in Bodies / Committees on Education and National Development	Member in Ethical committee.
f) Professional Organization of Teachers	

E.

(a) Membership of Professional Bodies, Societies etc. :

- **Reviewer:**
- **Member:** Member in Ethical committee.
- **Life Member:**

(b) Editorship of Journals:

F. Any other information: Operated Government Ornamental Aquarium museum worth of 27 lakhs

A rectangular box containing a handwritten signature in blue ink. The signature is stylized and appears to be written in cursive or a similar fluid script.

(Signature of the Teacher)

ANNEXURE I

- 1) A.Eswar, K. Ramamoorthy, M. Mohanraj, S. Gokulakrishnan, and **G. Sankar**. In-Vitro antibacterial activity and brine shrimp lethality test on selected three marine mollusks from vellar estuary, Parangipettai. *International Journal of Current Research*, 2014; 9075-9078.
- 2) **G. Sankar**, K. Hemalatha, K. Ramamorthy and K. Sakkaravarthi*. Surveillance of monodon baculo virus transmission among shrimps in wild and laboratory environment. *Scholars Research Library Annals of Biological Research*, 2011; 2 (2): 388-393.
- 3) G. Srilatha*, A. Eswar, T. Manikandarajan, K. Ramamoorthy, **G. Sankar**, S. Suvitha, R. Anbarasu, K. Kathirvel, 2014. Recipes from yellow clam *Meretrix casta* (Chemnitz) *International Letters of Natural Sciences*, 19, 2014; 25-33.
- 4) G. Srilatha*, K. Chamundeeswari, K. Ramamoorthy, **G. Sankar** and D. Varadharajan. Proximate, Amino Acid, Fatty Acid and Mineral Analysis of Clam, *Meretrix casta* (Chemnitz) from Cuddalore and Parangipettai Coast, South East Coast of India. *Journal of Marine Biology & Oceanography*, 2013; 2:2.
- 5) K. Sakkaravarthi, **G. Sankar** and K. Ramamoorthy. Impact of Gut Probiotics *Bacillus sp* with Minerals on Biochemical Profile of Vibriosis Infected Shrimp *Penaeus monodon* (Fabricius) *Middle-East Journal of Scientific Research*, 2011; 7 (1): 87-90.
- 6) K. Sakkaravarthi, **G. Sankar**, K. Ramamoorthy, R. Lakshmanan. Effect of soil probiotics in the shrimp culture. *International Journal of the Bioflux Society*, 2010; 2 (2): 99-105.
- 7) K.Feroz Khan, **G.Sankar**, K.Ramamoorthy and S.Sugesh. Antibacterial activities of salt marsh plants against marine ornamental fish pathogens. *American Journal of drug discovery and development*, 2013; 3: 149-157.
- 8) K.Kathirvel*, A.Eswar, T.Manikandarajan, K.Ramamoorthy, **G.Sankar**, and R.Anbarasu. Proximate composition, Amino acid, Fatty acid and mineral analysis of box crab, *Calappa lophus* (Herbst, 1782) from Parangipettai, Southeast Coast of India. *IOSR Journal of Environmental Science, Toxicology and Food Technology*. 2014; 50-57.

- 9) R.Anbarasu*, **G.Sankar**, T.Manikandarajan, K.Kathirvel, S.Suvitha, K.Ramamoorthy. Proximate, fatty acid and mineral composition of orange-spotted grouper *Epinephelus coioides* from Parangipettai coast. *International Letters of Natural Sciences*, 2015; 63-67.
- 10) S. Suvitha, A. Eswar, R. Anbarasu, K. Ramamoorthy and **G. Sankar**. Proximate, Amino acid and Fatty acid profile of selected two Marine fish from Parangipettai Coast. Proximate, Amino acid and Fatty acid profile of selected two Marine fish from Parangipettai Coast. *Asian Journal of Biomedical and Pharmaceutical Sciences*, 2014; 04 (40); 38-42.
- 11) T.Manikandarajan*, A.Eswar, R.Anbarasu, K.Ramamoorthy and **G.Sankar**. Proximate, Amino Acid, Fatty Acid, Vitamins and Mineral analysis of Catfish, *Arius maculatus* and *Plotosus lineatus* from Parangipettai South East Coast of India. *IOSR Journal of Environmental Science, Toxicology and Food Technology*, 2014; 32-40.
- 12) T.Manikandarajan*, K.Ramamoorthy, G.Srilatha, **G.Sankar**, K.Kathirvel. Stomach content analysis of Catfish -*Arius maculatus* (Thunberg, 1792) From Parangipettai Coast, South East Coast of India. *Asian Journal of Biomedical and Pharmaceutical Sciences*; 04 (38); 2014; 50-56.
- 13) A.Eswar*, K.Kathirvel, R.Anbarasu, K.Ramamoorthy, **G.Sankar**, S.Suvitha, T. Manikandarajan. Proximate composition and Fatty acid analysis of Puffer fish, *Lagocephalus inermis* (Temminck and Schlegel, 1850) and *Lagocephalus lunaris* (Bloch and Schneider, 1801) from Parangipettai, Southeast coast of India., *International Letters of Natural Sciences*, 12(1), 2014; 21-29.
- 14] Manikanda Rajan, T., K. Ramamoorthy, R. Anbarasu, D.V. Ramdas, K. Sundaravarman and **G. Sankar**, 2015. Seasonal variations in physico-chemical parameters in Pennaiyar estuary, Cuddalore - Southeast coast of India. *World J. Pharm. Res.*, 4(5): 1518-1526.
- 15} Unforeseen Silambarasan, R., G. Sankar and K. Ramamoorthy, 2016. Nutritional properties of the rainbow crab *Cardisomarovundum*(Quoy&Gaimard, 1824) from the Puducherry, Southeast coast of India. *Indian. J. Geom. mar. Scien.*, **45(1)**: 173-179.

16} Silambarasan, R., M, Syed Abdul Rahman, K. Ramamoorthy, G. Sankar and P. Seed.0evi, 2016. Biological activities of ethanolic extract of tissue and egg mass from *Cardisomacarnifex* against human clinical pathogens. *Inventi Rapid: Pharm Biotech &Microbio*, 2016 (2): 1-6.

17} Ramdas, D.V., **G. Sankar**, K. Ramamoorthy, R. Silambarasan and P. Seedeve, 2016. Antibacterial activity of methanolic extract from the tissue of *Litopenaeusvannamei* against human pathogenic bacteria. *InventiRapid:Vet. Sci.*,2016(3): 1-4.

18} Ramdas, D.V., G. Sankar, K. Ramamoorthy, R. Silambarasan and P. Seedeve, 2016. Antioxidant activity of methanolic extract from the tissue of *Litopenaeus vannamei* (Boone, 1931). *Inventi Rapid: Vet. Sci.*, 2016(3):1-6

ANNEXURE II

Sl. No	Name of the candidate	Date of Award	Title of the thesis
1	K. Sakkaravarthi	2013	Studies on biofloc technology for environment shrimp farming
2	K. Ferozkhan	2015	Invitro culture and molecular study of the fish ectoparasitic <i>Argulus spp.</i> (Crustacea: Branchiura) and the antibacterial potential of the Helophtic plant <i>Heliotropium curassavium</i> L. against <i>Argulus</i> borne bacterial disease
3	R. Silambarasan	2019	Isolation and characterization of bioactive components from marine crab <i>Cardisoma canifex</i>
4	D. V. Ramadas	2019	Culture performance and economic analysis of <i>Pennaeus vannamei</i> in saline and fresh water farm
5	V. R. Mansingh	Submitted	Efficacy of probiotics in post-larval development hatchery operation in shrimp ponds
6	R. Anbarasu	Pursuing	_____
7	C. Mathyarasan	Pursuing	_____

