Name Designation Mailing Address Department	**Dr. G. Selvakumar** Assistant Professor in Microbiology Directorate of Distance Education Alagappa University Karaikudi ï 630003 Tamil Nadu, INDIA
Academic Qualifications	**M.Sc., Ph.D**
Employee Number	51517
Contact Phone - Office Contact Phone - Personal Contact e-mail	(+91) 4565 223390 (+91) 9865658184 gselvakumar75@gmail.com

Teaching Experience: 17 Years
Research Area / Specialization: Microbial Technology

Guidance / Supervision

Program of Study		Completed	Ongoing
Research	Ph.D.	-	2
Project	PG	40	-

Research Papers

Published in International Journals	Published in National Journals	Presented in International Conferences	Presented in National Conferences
14	1	01	07

Funded Research Projects (Completed)

	Agency	Period		Project Title	Budget (Rs.lakhs)
		From	To		
1	AURF	2009	2010	Reclamation of saline soil by indigenous Cyanobacteria	0.64

Funded Research Projects (Ongoing)

	Agency	Period		Project Title	Budget (Rs.lakhs)
		From	To		
1	UGC	2013	2016	Molecular characterization and the effect of backwater cyanobacterial exopolysaccharides on saline soil reclamation	11.4

Number of Seminars / Conferences / Workshops / Events attended : 27
Number of Invited / Special Lectures delivered : 04
Number of Books / Chapters / Monographs / Manuals written : 04

Achievements / Awards / Honours

1. Proficiency award (Class topper) in B.Sc Zoology
2. University Vth Rank in M.Sc Microbiology
3. Qualified State level Educational Testing for Lectureship **(SLET)** - 2000

4. Appreciation award for teaching in MSEC, Sivakasi.- 2008

Membership in Professional / National / International Bodies

1. Chairperson, Board of Studies, P.G. Microbiology, Affiliated colleges to Alagappa University, Karaikudi
2. Chairperson, Board of studies, U.G. Microbiology to Affiliated colleges, Alagappa University , Karaikudi
3. Chairperson, Board of studies, U.G. Microbiology and Clinical Lab technology to Affiliated colleges, Alagappa University , Karaikudi
4. University representative, Board of studies, J.J. College of Arts and Science, Pudukkottai.
5. External Expert, Academic Council Member of TBAK College for Women, Keelakarai.
6. Examiner and Adjudication of M.Phil., and Ph.D Thesis., Bharathidasan University, Tiruchirapalli.
7. Member, Doctoral Committee of Ph.D programme, Bharathidasan University, Tiruchirapalli and Anna University, Chennai.
8. Life Member, The Indian Science Congress Association, Kolkata.
9. Reviewer of African Journal of Agricultural Research
10. Reviewer of Indian Journal of Biochemistry and Biophysics

Additional Responsibilities

- Member, DEEP Cell

Others

Sl. No.	**Microbial taxa used for 16S rRNA Sequencing**	**GenBank Accession Nos.(NCBI)**
1.	*Bacillus sonorensis* BMS23	KC469613
2	*Bacillus sonorensis* RGS23	KC469614
3	*Bacillus aerius* BMS 24	KC469615
4	*Bacillus subtilis* RGS 16	KC469616
5	*Bacillus aerius* RGS230	KC469617
6	*Escherichia coli*	KP770133
7	*Enterobacter aerogenes*	KP770134

List of Publications

1. Sudha,M. Saranya,A. Selvakumar.G. and Sivakumar.N. (2014). Microbial degradation of Azo dyes: A review. *International journal of Current microbiology and Applied Sciences.* 3(2): 670-690.

2. Sivakumar, N. Selvakumar.G., Varalakshmi, P. and Ashok kumar,B (2014). Lactobacillus sp. A potent probiotic for disease free shrimp aquaculture. *International Journal of Recent Scientific Research Research,* 5(6), 1031-1045.

3. Sivakumar, N. Sundararaman, M. and Selvakumar, G. (2014). Efficacy of dietary supplementation of cyanobacterial meal on growth performance of black tiger shrimp *penaeus monodon* (fabricius).*Cibtech journal of zoology*. 3(1):22-30

4. Ajikumar. A.V. Sivakumar.N. Selvakumar.G. and Shajahan.S. (2014).Production of alpha amylase from *Aspergillus CMST-04* isolated from estuarine soil by solid state fermentation. *International Journal of Advanced Biotechnology and Research.* 5(1): 1-11.

5. Muthulakshmi, M . Saranya, A. Sudha, M. and Selvakumar, G. (2012). Extraction, partial purification, and antibacterial activity of phycocyanin from *Spirulina* isolated from fresh water body against various human pathogens. *Journal of. Algal Biomass Utilization*, 3 (3): 7ï 11

6. Sivakumar, N. Sundararaman, M. and Selvakumar, G. (2012). Probiotic effect of *Lactobacillus acidophilus* against vibriosis in juvenile shrimp (*Penaus monodon*). *African Journal of Biotechnology.* 11(91): 15811-15818.

7. Sivakumar, N. and Selvakumar, G. (2011) Effect of different carbon and nitrogen sources on the production of carotenoid pigments in *Phaffia rhodozyma. Research and Reviews: A Journal of Life Sciences,* 1(2):1-9.

8. Sivakumar, N. Sundararaman, M. and Selvakumar, G. (2011). Efficacy of microalgae and cyanobacteria as a live feed on juveniles of shrimp *Penaus monodon. African Journal of Biotechnology,* 10(55): 11594-11599*,*

9. Selvakumar, G. and M. Sundararaman, (2009). Seasonal Variations of cyanobacterial flora in the backwater of Kattumavadi (Palk Strait) India. *Scientific transactions in Environment and Technovation.*3 (2): 69-73.

10. Selvakumar , G. and M.Sundaraman, (2009) Role of backwater cyanobacteria in enhancing fertility and yield of rice in saline alkali soil. *Asian J. MicroBiol. Biotech. Environ.*11 (4): 1-6.

11. Selvakumar, G. and M.Sundaraman, (2009) Influence of Cyanobacteriaon improving alkaline soil fertility, growth and yield of rice. *Scientific transactions in Environment and Technovation*. 2(3): 135-138.

12. Selvakumar, G and Senthilkumar.R. (2009). Studies on *Streptococcal* species from dental carries and antimicrobial studies using various plant extracts. *Asian J. MicroBiol. Biotech. Environ.* 11(3): 78-80.

13. Senthilkumar R and Selvakumar.G. (2008). Isolation and Characterization of Extracellular Lipase producing *Bacillus sp. SS-1* from slaughterhouse soil. *J.Advanced Biotech,* 2: 24-25.

14. Selvakumar.G. and M. Sundararaman. (2006). Diversity of cyanobacterial flora in the backwater of Palk Bay region. *Seaweed Research and Utilization* 28(2):1-6.

15. Selvakumar, G. and M.Sundararaman. (2001). Mangrove associated cyanobacterial species in Mutupet estuary. *Seaweed Research and Utilization.* 23(1&2):19-22.