

RESUME



Dr. T. Selvamohan
Assistant Professor,
Rani Anna Govt. College
for women
Location -627 002
TAMILNADU

PERSONALDETAILS

DateofBirth : 20.04.1971
Qualification : M.Sc., M.Phil.,Ph.D
Designation : Assistant Professor
Department : Zoology
Community : BC
Religion :Hindhu
Nationality : Indian
EmailID : tsmohan71@gmail.com

ACADEMIC QUALIFICATIONS

Degree	Specialization	College	University	Year of Passing
B.Sc.	Microbiology	Sivanthi Aditanar College,	M.S. University	1993
M.Sc.	Coastal Aquaculture	Vivekanandar College,	M.S. University	1996
M.Sc.	Microbiology	Sivanthi Aditanar College,	M.S. University	1998
M.Phil.	Coastal Aquaculture	CMST	M.S. University	2000
Ph.D	Microbiology	CMST	M.S. University	2007

TEACHING EXPERIENCE

Date of Appointment	10.02.2012
Date of Retirement	30.04.2031
Teaching Experience	UG – 10 Years 9 Months
	PG – 24 years 9 Months
Research	

COURSES/ CLASSES TAUGHT	NAME OF THE INSTITUTIONS	DURATION		Years
		From	To	
PG	Sivanthi Adithanar College	1.12.1998	9.2.2012	14
UG&PG	Raja Doraisingam Govt. Arts College, Sivagangai	10.02.2012	13/10/2013	9 Months
UG&PG	Rani Anna Govt. College for Women, Tirunelveli	14/10/2013	Till Date	10 Years

AWARDS RECEIVED

ADMINISTRATIVE EXPERIENCE

S.No	DESIGNATION	INSTITUTIONS	YEAR

MEMBERSHIP

S.No	Designation	Particulars
1	NESA Life Member APCBEEES	❖ Indian Founder Hydrogen Receiver in African

ORIENTATION/REFRESHER COURSES/FACULTY DEVELOPMENT PROGRAMME UNDERGONE(0)

S.No	NameoftheTraining	Name of theSponsoring Agency	PlaceandDate
1	Refresher Course	UGC	Inter Disciplinary Science Academic Staff College, Kerala 2/7/2014 to 22/7/2014

DETAILS OF RESEARCH WORK

Research Stages	Title of the Thesis	University where the work was carried out
Ph.D		

AREAS OF RESEARCH

RESEARCH PROJECTS CARRIED OUT			
S.No	Title of the Project (Minor)	Name of the Funding Agency & Amount	Duration

PUBLICATIONS				
BOOKS	BOOK CHAPTERS	SCOPUS INDEXED	WEB OF SCIENCE	UGC LISTED
13	0	0	0	0
OTHER INDEXED	ASA RESOURCE PERSON	PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL SEMINARS	WEBINARS, SEMINARS, WORKSHOPS ATTENDED	PATENT
51	0	0	18	

PUBLICATIONS: BOOKS(5)			
S.No	Title of the Book	Publication	Year
1	Methods in Microbial Molecular Genetics	Thamarai Publication	2008
2	Fisheries biology	pooja publication	2012
3	Research Methodology	pooja publication	2011
4	Emerging Trends in microbiology	Thamarai Publication	2008
5	Toxicology	Saras publication	
6	Personality Development (TAMIL)	Saras publication	2017
7	Biology 12 th Objective book	Saras publication	2017
8	Biology 12 th (TAMIL)	Saras publication	2017

9	Science 10 th Objective book	Saras publication	2017
10	Science 10 th (TAMIL)	Saras publication	2017
11	Bio-Botany, 11 th objective question	Saras publication	
12	Text book of Aquaculture and Farm management	AIB Saliha publications	
13	Elements of Endocrinology	Saliha Publications	

BOOK CHAPTERS (7)

S.No	Title of the Paper	Name of the Book	ISSNNo., Pg.No

PUBLICATIONS:SCOPUSINDEXEDJOURNALS (0)WEB OFSCIENCE(0)			
S.No	Title of the Paper	Name of the Journal	ISSNNo.,Volume,Issue,Impactfactor&Pg. No

PUBLICATIONS:UGCLISTEDJOURNALS(0)			
S.No	TitleofthePaper	NameoftheJournal	ISSNNo.,Volume,Issue,Impactfactor&Pg.No

PUBLICATIONS:OTHER INDEXED JOURNALS(0)International:0			
S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg.No
1	Orange-G Tolerance, utilization and degradation potentials of native bacterial isolates. Bioscience,		vol. 01No (2) 81-91 (2003)
2	Efficiency of Lignocellulolytic fungi on decomposition of Coir pith Enviromedia		24(3) 729-733 2005
3	Correlation of bacteria between Estuarine Sediments and fish skin. Theoretical and Experimental Biology		3 2-3 (2007)
4	Molecular Characterization of Escherichia coli isolated from estuarine environment by multiplex PCR and RAPD analysis. Rumanian Biological letters		vol13,N0.2 3617-3622 (2008)
5	Studies on the extracellular keratinase enzyme of <i>streptomyces. coelicolor</i> MTCC1139, Theoretical and Experimental Biology,		[ISSN No:0972-9720] 4 (4) 147-152
6	Isolation and characterization of lipase producing Bacillus strains from oil mill waste. Biotechnology,		vol.7 (15), 2728-2735 (2008)
7	A study on the physico Chemical Characters in a minor Estuary of West Coast of India Environmental Protection		vol. 29 1002-1010 (2009)
8	Assessment of Ground water Quality DharmappurampanchayatKanya Kumari District, Tamil Nadu. Environmental Protection		vol. 29 439-444 (2009)

9	Studies on the effect of lipase enzyme activity of pseudomonas isolated from Rock Lobster. Polar. Science.		voll (1 st issue) ISSN No:0973-8649 5-9 (2009)
10	Studies on the physicochemical characters Sediment minor estuary of West Coast of India. Environmental Protection		31505-510 (2011)
11	<i>Pseudomonas fluorescence</i> is an Effective probiotic against fish pathogenic <i>vibrio sp.</i> Biological		1(2) 118-123 (2010)
12	Production and characterization of Lipase enzyme from <i>vibrio vuluificas</i> isolated from Rock Lobster Plant Archives		vol.10 567-570 (2010)
13	Optimization of protease production from Bacillus cereus using different Substrates. Plant Archives		0972-5210 651-666 (2010)
14	Effect of probiotic bacteria on the growth rate of fresh water fish, catlacatla. Biological		0976-4313 113-117 2010)
15	Influence of nutritional factors on xanthan production by xanthomonasmalvacearum,	Archives of Applied science Research	2(6) ISSN:0975-508x 28-36 (2010)
16	Antimicrobial activity of aprobiotic <i>lactobacillus plantraumaganist</i> urinary tract infection(UTI) causing pathogens	Scholars Research Library	2 (5) 432-440 (2010)

17	Antimicrobial activity and phytochemical studies on some indian medicinal plants against selected human pathogens	. Der PharmaChemica	2(5) ISSN:0975- 413x 38-45x (2010)
18	Production ,partial purification, stability of bacteriocin from isolates of Natural Lactic Acid Fermentation of vegetables Plant Archives		VOL.10 NO.2, 2010 PP. 599-602.
19	Diversity of starch, Casein and Lipid Hydrolyzing bacterial population in minor Estuary south West Coast of India Environmental Protection		31(3) 242-252 (2011)
20	Studies on amylase and cellulase enzyme activity of the fungal organisms causing Spoilage in tomato Experinental Biology		1(3) ISSN:2248-9215 90-96 (2011)
21	Effect of physical and chemical mutagens on biopolymer producing strains and RAPD analysis of mutated strains.	Applied science Research	3(6) IssN:0975-508x 233-246 (2011)
22	Production and optimization study of a norel Extracellular polysaccharide by wild type isolates of xanthomonascampestris	Microbiology and Biotechnology Research.	. 1(4) ISSN:2231-3168 175-182 (2011).
23	Antimicrobial activity of <i>Adhatodavasic</i> aagainst clinical pathogens,	Asian Journal of Plant Science and Research	2012, 2 (2):83-88 ISSN : 2249-7412, 2012, 2 (2):83-88
24	T4 Seasonal changes in the biochemical composition of four different tissues of red spotted emperor	Annals of Biological Research	3 (11):5078-5082 31(3) (2012)

	LethrinusLentjanFamily:Lethrini dae)		
25	Sathya3 Optimization of lipase enzyme activity produced by Bacillus amloliquefaciens isolated from lock robsterpanlirusHomarus	(IJMER)	ISSN: 2249-6645 2012 pp-4231-4234
26	T4 Bioaccumulation of some heavy metals in different tissues of commercial fish Lethrinuslentjan from Chinnamuttom Coastal area, Kanyakumari, TamilNadu,	Advances in Applied Science Research	2012, 3 (6):3703-3707 , 3 (6):3703-37073 (11):5078-5082 31(3) (2012)
27	Optimization of Phytase Production by <i>Pseudomonas sp.</i> Isolated from Poultry	Faces International Journal of Modern Engineering Research	ISSN: 2249-6645 May-June 2012 pp-1326-1330
28	Ajitha3 Optimization of lipase production by <i>vibrio Sp.</i> -A fish gut isolate	European Journal of Zoological	ISSN: 2278-7356 2012, 1 (1):23-25
29	STUDIES ON BACTERICIDAL ACTIVITY OF DIFFERENT SOAPS AGAINST-BACTERIAL STRAINS	Scholars Research Library J.Microbiol, Biotech, Res.,	2012, 2 (5): 646-650 ISSN: 2231-3168(2012).
30	ANTIMICROBIAL ACTIVITY OF SELECTED MEDICINAL PLANTS AGAINST SOME SELECTED HUMAN PATHOGENIC BACTERIA,	Pelagia Research Library Advanccs in Applied Science Research	2012, 3 (5): 3374-3381 ISSN: 0976-8610 (2012).
31	IN-VITRO STUDY ON CLINICAL PREVALENCE AND ANTIMICROBIAL SUSCEPTIBILITY OF CONJUNCTIVA INFECTING STAPHYLOCOCCUS AUREUS IN HUMANS	J.Bio.Innovl	(5), pp: 127-131, 2012 ISSN: 2277-8330 (2012)

32	Influence of Entrapment Technique and the Production of Xanthan on Repeat Batch Fermentation Process	International journal of pure & Applied Bioscience	ISSN: 2320-7051 1(5): 30-35 (2013).
33	Biosynthesis of silver nanoparticles using <i>Bacillus subtilis</i> EWP-46 cell-free extract and evaluation of its antibacterial activity Bioprocess BiosystEng		28 December 2013 / Accepted: 7 January 2014
34	STUDIES ON PHYSICO-CHEMICAL CHARACTERS OF FOUR PONDS IN TIRUNELVELI DISTRICT,	J.Bio.Innov3(4)	pp: 197-205,2014 ISSN 2277-8330 (Electronic) Received on Date: 20-05-2014 Date of Acceptance: 31-05-2014
35	STUDIES ON THE EFFECT OF LIPASE ENZYME ACTIVITY OF <i>PSEUDOMONAS SP</i> FROM ROCK LOBSTER	RAC Journal of Research	1(8) 1(8): 71-75 (2014)
36	STUDIES ON OPTIMIZATION AND CHARACTERIZATION OF EXTRACELLULAR LIPASE BY <i>PSEUDOMONAS CARYOPYLI</i>	RAC Journal of Research	2(9) 2(9): 25-30 (2014)
37	ISOLATION OF ACTINOMYCETES FROM DIFFERENT SOILS FOR ANALYSING THE ANTAGONISTIC ACTIVITY AGAINST PATHOGENS	RAC Journal of Research	2(9) 2(9): 48-57(2014)
38	BIOLOGICAL DEGRADATION OF SYNTHETIC POLYMERS AND NATURAL POLYMER (PHB) USING <i>MICROCOCCUS SPS</i> UNDER LABORATORY CONDITIONS	International Journal on Environmental Sciences	ISSN: 0976- 46534 5(2) 237-247 (2014)

39	ISOLATION OF ACTINOMYCETES FROM DIFFERENT SOILS FOR ANALYSING THE ANTAGONISTIC ACTIVITY AGAINST PATHOGENS	International Journal of Advanced Research in Biological Sciences	ISSN: 2348-8069 124 (2016)
40	ANTIMICROBIAL ACTIVITY OF VARIOUS TYPES OF HONEY AGAINST THROAT INFECTION	International Journal of Advanced Research in Biological Sciences	ISSN: 2348-8069 136 (2016).
41	SECLUSION, CATEGORIZATION AND MOLECULAR DOCUMENTATION OF MICROORGANISMS FROM INTESTINE OF GUT FROM FISH BY USING 16S R DNA SEQUENCING	International Journal of Advance Reseach, Ideas and Innovations in Technology	ISSN: 2454-132X 992 (2017).
42	INHIBITION OF HIV ENTRY BY CARBOHYDRATE BINDING PROTEIN ISOLATED FROM MARINE CRAB <i>Portunuspelagicus</i> (LINNEUS, 1775)	Int. J. Modn. Res. Revs.	Volume 5, Issue 11, pp 1650-1653, November, 2017 ISSN: 2347-8314
43	Identification and Purification of Antimicrobial Lectins from Marine Crab <i>Protunuspelagicus</i> (Linneus, 1775)	International Journal of Current Microbiology and Applied Sciences	ISSN: 2319-7706 Volume 6 Number 6 (2017) pp. 2346-2351
44	Screening and optimization of amylase from <i>Citrobacterfreundii</i> isolated from the gut of <i>Carassiusauratus</i> 2018	JETIR	October 2018, Volume 5, Issue 1 (ISSN-2349-5162)
45	DETERMINATION OF BIOACTIVE COMPOUNDS FROM <i>Bacopamonneria</i> Linn. BY USING GC-MS ANALYSIS.	IJATES	VOLNO 6 2018 issn 2378-7550
46	COMPARATIVE STUDY ON THE CRUDE DRUG OF TWO IMPORTANT TRADITIONAL	CENTELLA ASIATICA AND BACOPA MONNERIA	ISSN: 2321-3272 (Print

	MEDICINAL PLANTS		
47	Study on effect of bio fertilizers enhancement growth on tomato	International Journal of Biology Research	ISSN: 2455-6548; Volume 4; Issue 2; April 2019; Page No. 48-51
48	Extraction and identification of bioactive compounds from starfish using Gas Chromatograph-Mass Spectrophotometry	Journal of Emerging Technologies and Innovative Research	(ISSN-2349-5162) 2019 JETIR April 2019, Volume 6 , Issue 4
49	Gc-Ms analysis of glandular secretions of the south indians bat,	taphozous melanopogon, rom.j.biol.-zool.,	volume, nos.1-2, p.117-124, bucharest.2020.
50	Gut-Isolated Bacteria and biochemical composition isolated from edible crab species in Manapad, India.	International journal of food and Food and Nutritional Science.	VOL II , issue,8 December 2022.

AS A RESOURCE PERSON (0)			
S.No	Name of the Event	Name of the Sponsoring Agency	Place and Date

WEBMINARS/SEMINARS/CONFERENCES/SYMPOSIA/WORKSHOP			
PAPER PRESENTED:National(0)International(0)			
S.No	Name of the Event	Name of the Sponsoring Agency	Place and Date

WEBMINARS/SEMINARS/CONFERENCES/SYMPOSIA/WORKSHOP			
ATTENDED:0			
S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	State level inter Collegiate seminar on Microbiology		AVVM Pumpom College, Thanjavoor & 5-10-1999
2	Regional workshop on Joint forest Management		S.T. Hindu college Nagercoil & 21 & 23 rd July 1995
3	Seminar on Wealth from was		S.T. Hindu college Nagercoil & 6-3-1998
4	State level symposium on Rent-Trends in Advanced molecular Biology.		NMSS Vellaichamy Nadar College, Madurai & 11-10-2000
5	National Level training on Water Quality management in Aquaculture System		Fisheries college Tuticorin 23-10-2000 to 27-10-2000
6	National Workshop on Advanced Techniques in Biotechnology		Holy Cross College, Nagercoil & 26.3.2005 to 28.3.2005
7	Worship on Bio Informatics Analysis		Sail Science, Chennai & 3/8/2007 to 4/8/2007
8	International Conference Health and Hygiene		Rani Anna Govt. College, Thirunelveli
9	State level seminar on Aquaculture		S.T .Hindu college coil & 8/8/2016
10	Workshop on Basic Technique in Modern Biology		Ayya Nadar College, Sivakasi & 11 &

			12/1/2016
11	International Conference Bioremediation and Environmental Management and Polar Science		Presidency College, Bangalore & 11 & 12/1/2016
12	Singapore 2012 International Conference on Biological and life science (ICBLS2012)		23 & 24/3/2016
13	Climate Change - Challenges for Biodiversity		Rani Anna Govt. College for Women, Thirunelveli & 04 & 05 January 2017
14	Climate Change - Challenges for Biodiversity		Rani Anna Govt. College for Women, Thirunelveli & 04 & 05 January 2017
15	Emerging Trends in Multidisciplinary Research		Rani Anna Govt. College for Women, Thirunelveli & January 10 2017
16	Probiotics And Nutraceuticals for Human and Animal Health		Rani Anna Govt. College for Women, Thirunelveli & 18 September 2017
17	Two Days National Workshop on Safeguarding Intellectual Property Rights & Commercialization of Patents		Rani Anna Govt. College for Women, Thirunelveli & 22 & 23 March 2017
18	Awareness On Epidemic Diseases		Sadakathllah Appa College & 13 February 2018
19	TRaining Programme for Part-Time Staff Members of Learner Support Centres		Rani Anna Govt. College for Women, Thirunelveli & 1 February 2018
20	Recent trends in food biotechnology and exploration of the opportunities to feed the world		Rani Anna Govt. College for Women, Thirunelveli & 10 January 2018

COUNTRIES VISITED

01	Singapore	Attended the International Conference	“12/7/2012to15/7/2012” during July 2012
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Date: 05.07.2023

T. SELVAMOHAN