

V.O.Chidambaram College, Thoothukudi-628008



1. Name : **Dr. D. Radhika**
2. Educational Qualification : M. Sc., Ph. D
3. Experience : UG 14Year PG 14Year
4. Communication Address with : V.O.Chidambaram College,
Tuticorin – 628 008
Tamil Nadu, India
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5. Permanent Address : 15, Vadi Street, Tuticorin – 628 001
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6. Area of Specialization (Research) : Marine Pharmacology and Microbiology
7. List of conferences/ Workshop/
Symposia Organized :

Sl.No.	Name	Conference/ Workshop/ Symposia	Date, Sponsor	Venue
1.	“Impact of Coastal Pollution on Biological Fertility”	Seminar	28 th and 29 th February 2004 sponsored by CSIR, DOD and TNSC & ST.	V.O.Chidambaram College, Tuticorin
2.	District level coastal science	Seminar	21 st September 2004. collaboration with Tamilnadu Science Forum	V.O.Chidambaram College, Tuticorin
3.	“Coastal Aquaculture – Its Prospects and Future”	Refresher Course	November 2003. Sponsored by UGC	V.O.Chidambaram College, Tuticorin

4.	DST INSPIRE science camp	Workshop	July 2013 Sponsored by DST	V.O.Chidambaram College,Tuticorin
5.	DST INSPIRE science camp	Workshop	November 2014 Sponsored by DST	V.O.Chidambaram College,Tuticorin
6.	Training programme on using Seaweed as a nutrient diet and Antibacterial drug for cultivable fishes”	Workshop	July 2014 Sponsored by TNSCST	V.O.Chidambaram College,Tuticorin
7.	National Symposium on Marine Environmental Conservation	Symposium	December 2014 Sponsored by DST and TNSCST	V.O.Chidambaram College,Tuticorin
8.	DST INSPIRE science camp	Workshop	October 2015 Sponsored by DST	V.O.Chidambaram College,Tuticorin
9.	DST INSPIRE science camp	Workshop	August 2016 Sponsored by DST	V.O.Chidambaram College,Tuticorin

8. List of Conferences/Workshop/ :
Symposia Attended

Sl.No.	Name	Conference/ Workshop/ Symposia	Date, Sponsor	Venue
1.	Development and Transfer of fisheries technology	National Seminar	03-05 February 1999 Sponsored by FCRI, TANUVAS, UNIV, Tuticorin	FCRI, TANUVAS, UNIV, Tuticorin
2.	Biodiversity, Biomass and Management	National Seminar	24 th – 25 th October 2002 Sponsored by V.O.Chidambaram College, Tuticorin	V.O.Chidambaram College, Tuticorin
3.	Impact of Coastal Pollution on Biological Fertility	National Seminar	28 th -29 th February 2004 Sponsored by V.O.Chidambaram College, Tuticorin.	V.O.Chidambaram College, Tuticorin.
4.	Genomics and Bioinformatics	Workshop	19 – 20 September 2003 Sponsored by Department of Bioinformatics Karpagaam Arts and Science College, Coimbatore.	Karpagaam Arts and Science College, Coimbatore.

5.	Bio-informatics	International workshop	18 th – 20 th March 2004 Sponsored by Karpagam Arts and Science College, Coimbatore	Karpagam Arts and Science College, Coimbatore
6.	National Conference on Zoology for future education and research	Conference	23 rd -24 th January Sponsored by	

9. List of Papers Presented in Conferences :

Sl.No.	Name of the Author	Name of the article	Conference Title and Sponsor	Venue
1.	C. Veerabahu, Radhika, D, and Kumar. D, (2006)	Chironomus larvae Culture – A boon to Aquaculture	Presented at National Conference on Aquatic Resources, Aquaculture and Aqua Show sponsored by St. Xavier's College (Autonomous) Palayamkottai, Tirunelveli	from 15-17 February 2006 St. Xavier's College (Autonomous) Palayamkottai, Tirunelveli
2.	C.Veerabahu, D. Radhika and Kumar. D, (2006)	Chironomus circumdatus C.ramosus – occurrence in Tuticorin and some aspects on mass culture	presented at International conference on Biodiversity of Insects : Challenging issues in Management and conservation (BIM,2006) sponsored by Bharathiar University	January 30 th – Feb 3 rd 2006 Bharathiar University
3.	Mohaideen A, Radhika D and Vaitheesvaran M.(2014)	Anti larvicidal activity of <i>Padina Tetrastomatica</i> Against <i>Aedes Aegypti</i> (Chikungunya Vector)	National Conference on Zoology for Future Education and Research Sponsored by Zoological Survey of India	23 rd and 24 th Jan 2014 at Queen Marys College, Chennai.
4.	D.Radhika, A.Mohaideen and R.Priya (2014)	Comparative antibacterial study of crude and column purified extracts of <i>Ulva lactuca</i> and	National Symposium on Marine Environmental Conservation Sponsored by DST and TNSCST	10 th to 12 th Dec 2014 at V.O.Chidambaram College, Thoothukudi

		<i>Gracilaria corticata</i>		
5.	D.Radhika, R.Priya and A.Mohaideen (2014)	Sustainable Development of Higher Education Through Inspire Internship Science Camp	State level Seminar on Students Participation in Quality Enhancement of Higher Education And Sustenance	3 rd Mar 2015 at V.O.Chidambaram College, Thoothukudi.

10. List of Papers Published in Proceedings :

Sl.No.	Name of the Author	Name of the article	Name of the Book	Year / proceeding page
1.	Radhika. D, Veerabahu. C and Ramadhas V, (1999)	<i>Penaeus indicus</i> as the befitting species for culture in semi intensive shrimp culture systems of Tuticorin	National seminar on Development and transfer of fisheries technology Sponsored by FCRI, TANUVAS, UNIV, and Tuticorin	1999, pp:26-29
2.	Radhika. D, Veerabahu. C and Ramadhas. V, (2002)	Pollution Status and productivity of a brackish water ecosystem	National seminar on Bio-Diversity, Biomass and Management sponsored by DOE,CSIR,TNSC & ST	(Oct 24 & 25 th 2002) Abstract No : S2-3 Pg 19
3.	Radhika. D, Veerabahu. C and Ramadhas. V, (2002)	Productivity of Pollutant mangrove water ecosystem of Thoothukudi.	National seminar on Bio-Diversity, Biomass and Management sponsored by DOE,CSIR,TNSC & ST	(Oct 24 th & 25 th 2002)Abstract No:S2-4 Pg 19
4.	Radhika. D, Veerabahu. C and Ramadhas. V, (2002)	The different chemical species of sedimentary Phosphorus and their role in deciding the biological fertility of Thoothukudi Coastal Waters	National seminar on Bio-Diversity, Biomass and Management sponsored by DOE, CSIR, TNSC & ST	(Oct 24 & 25 th 2002) Proceeding pp:92-101

5.	Radhika. D, and Ramadhas. V, (2002)	Biodiversity of Phyto and Zooplankton in a semi intensive Shrimp Culture system	National seminar on Bio-Diversity, Biomass and Management sponsored by DOE,CSIR,TNSC & ST	(Oct 24 & 25 th 2002) Proceeding pp:82-91
6.	Radhika. D, Veerabahu. C and Maripandi. M (2004)	Environmental Charateristics of Sewage Polluted Coastal Zone	National seminar on Impact of Coastal Pollution on Biological Fertility sponsored by CSIR,DOD,TNSC & ST.	(Feb 28 & 29 th 2004) Abstract Pg
7.	Radhika. D, C.Veerabahu, Ramadhas. V, and Maripandi. M, (2004)	Distribution of sedimentary nutritive elements in Tuticorin Bay	National seminar on, "Impact of Coastal Pollution on Biological Fertility", sponsored by CSIR,DOD,TNSC & ST	(Feb 28 th & 29 th 2004) Abstract Pg 34

11. List of Book Published

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Sl.No.	Name of the Author	Name of the Book	Year	Publisher
1.	Veerabahu. C , Radhika Veerabahu	"ÀÇÄiì, Ûõ ÀÇŞ¿, i ³ / ₄ i i ¹ / ₂ i, Ûõ"	2009	Manimekalai Prasuram, Chennai,
2.	Veerabahu. C , Radhika Veerabahu	Endangered Mammals of India	2010	IBDC publishers, Lucknow
3.	Veerabahu. C , Radhika. D	Endanger spices of Gulf of Mannar	2012	IBDC publishers, Lucknow

12. List of Papers Published in Journals :

Sl.No.	Name of the Author	Title of the Paper	Name of the Journal	Year	Vol.No. / Issue No.	Page No.	Impact Factor
1.	Veerabahu. C, Radhika. D , Felsia. R, and Kumar. D	Effect of different diets using sewage sludge on the growth performance of the gold fish <i>Carassius auratus</i>	Malaysian J. of Science	2005	24	9-15	
2.	Veerabahu. C, Radhika. D , and Kumar. D	Lifecycle and larval rearing of <i>Chironomous ramosus</i> using different organic nutrients	Environment and Ecology	2006	24(2)	373-378	
3.	Radhika. D , Veerabahu. C, and Kumar. D	“ Growth Assessment of red swordtails Xiphophorus belleri (Poeciliidae) fed on three different diets	Aquacult	2007	Vol.8 (1)	21-26	
4.	Veerabahu, C, Radhika, D , Felsia. R	Effect of sewage sludge on Growth performance of Gold Fish Carassius Auratus fed on Mixed diets	J. Ecobiol	2007	20(2)	167-174	
5.	Radhika, D	Effect of different diets on the growth performance of	Environment & Ecology	2007	25 (2)	329 – 332	

		gold fish carassius auratus					
6.	J.Nagarajan, D.Rathika and C.Veerabahu	Distribution of Zooplankton and Artemia in the Solar Salterns at Tuticorin	Aquacult	2011	Vol. 12(2)	187- 192	
7.	D.Radhika,C. Veerabahu and J.Nagarajan	Distribution of Phytoplankton and Artemia in the Solar Salterns at Tuticorin	Current World Environ	2011	Vol. 6(2)	233- 239	
8.	D.Radhika, C.Veerabahu, Sakthibama and Murugesan	Green Synthesis of Gold Nanoparticles by the Marine Alga Stoechospermum Marginatum	International Journal of Nanotechnolo gy and Applications	2012	Vol. 6(1)	pp61- 70	
9.	D.Radhika, C.Veerabahu and R.Priya	Antibacterial Activity Of Some Selected Seaweeds From The Gulf Of Mannar Coast	South India Asian Journal of Pharmaceutic al and Clinical Research	2012	5(4)	89-90	.32
10	D.Radhika, C.Veerabahu and R.Priya	Anti- Inflammatory Activities Of Some Seaweed Collected From The Gulf Of Mannar Coast, Tuticorin ,South India.	International Journal Of Pharma And Bio Sciences ISSN 0975- 6299	2013	4(1)	39-44	0.67
11.	D.Radhika, C.Veerabahu and R.Priya	Invitro Studies On Antioxidant And Haemagglutinati on Activity Of Some Selected Seaweeds	International Journal Of Pharmacy And Pharmaceuti cal Sciences ISSN 0975- 1491	2013	5(1)	152- 155	1.1

12.	D.Radhika, C.Veerabahu M.Vijayalaks hmi and R.Priya	Antibacterial Effect Of Some Species Of Seaweeds From Different Stations Off The Gulf Of Mannar Coast	International Journal of Biological and Pharmaceuti cal Research ISSN 2229- 7480	2013	4(11)	783- 787	1.34
13.	D.Radhika, C.Veerabahu R.Priya and A.Mohaideen	A COMPARATIVE STUDY OF BIOPOTENTIAL OF CRUDE AND FRACTIONATED EXTRACTS OF SOME SEA WEEDS FROM TUTICORIN COAST	International Journal of Phytopharmac ology	2014	5(1)	27-30	1.02
14	D.Radhika, Mohaideen.A	Fourier transform infrared analysis of Ulva Lactuca and Gracilaria Corticata and their effect on antibacterial activity	Asian Journal of Pharmaceutic al and Clinical Research	2015	8(2)	209- 212	
15	Veerabahu.C, Radhika.D, Mohaideen.A ,Indran.S, and Priya.R.	Phytochemical and Biochemical Profiles of Azolla microphylla Cultured with Organic Manure	International Journal of Current Agricultural Research	2015	4(8)	131- 133	
16	D.Radhika and R. Priya	ASSESSMENT OF ANTI- DIABETIC ACTIVITY OF SOME SELECTED SEAWEEDES	European Journal of Biomedical AND Pharmaceutic al sciences	2015	2(6)	151- 154	
17	D.Radhika and	ANTIFUNGAL ACTIVITY OF	WORLD JOURNAL	2016	5(3)	1155 -	

	R. Priya	ACANTHOPHO RA SPICIFERA, PADINA TETRASTOMA TICA AND CAULERPA SCALPELLIFO RMIS AGAINST SOME FUNGAL PATHOGENS IN CRUDE AND FRACTIONATE D FORM	OF PHARMAC Y AND PHARMAC EUTICAL SCIENCES			1162	
18	D.Radhika, Mohaideen.A	EFFECT OF UTILIZATION OF SEaweEDS AS AN IMMUNOSTIM ULANT IN AEROMONAS HYDROPHILA INFECTED CYPRINUS CARPIO	WORLD JOURNAL OF PHARMAC Y AND PHARMAC EUTICAL SCIENCES	2016	5(5)	851- 857	
19	D.Radhika, A.Mohaideen	Study on Immunostimula tory property of few seaweeds injected intra peritoneally	International Journal of Current Pharmaceutic al Research	2017	9(4)	135- 139	4.51
20	D. Radhika and R. Priya	Antipyretic Activity of Acanthophora spicifera and Padina tetrastromatica in Crude and Silver Nanoparticles Containing Extract	International Journal of Pharma And Chemical Research	2017	3(2)	232- 241	IBI-0.9

13. List of Invited talks :

Date	Name of the Institution	Title
18.8.2007	Broadcasted by AIR, Thoothukudi	Viraindu Valarum Uyiril Thozhil Nutpam

14. Contribution as Resource Persons :

Date	Name of the Institution & Sponsor	Title
2011	Dst INSPIRE 2011 V.O.Chidambaram College, Thoothukudi.	Stem cells & Oncogenes

15. List of Ph.Ds. guided :

Sl.No	Name	Title	Full Time / Part Time	University
1.	J. Nagarajan	Studies on some culture aspects of the Brine Shrimp <i>Artemiasp.</i> (GSL;U.S.A) in a Thoothukudi Saltern	Full Time	M.S. University, Thirunelveli

16. List of Ph.Ds. guiding :

Sl.No.	Name	Title	Full Time / Part Time	University
1.	Dr. P.R.Ganesh., M.D.S.,	Studies on some aspects of salivary microbiota and dental diseases	Full Time	M.S. University, Thirunelveli.
2.	V.S.Santha kumar	Seaford quality assessment in some landing centre along gulf of mannar	Part Time	M.S. University, Thirunelveli.
3.	A.Mohaideen	A Study on the Bioactive substances from some seaweeds and their effect on fish pathogens	Full Time	M.S. University, Thirunelveli.

4.	R.Priya	A Study of Bioactive compounds of some seaweeds and its pharmacognostic effects	Full Time	M.S. University, Thirunelveli.
5.	K.Kavitha	Epizootic ulcerative syndrome of snakeheads	Full Time	M.S. University, Thirunelveli.

17. Minor/ Major Projects Completed :

1. Project title : **“Technology development for mass production of the midgefly larvae for serving as live feed to cultivable fin and shell fishes”**

Co – Investigator : **Dr. D. Radhika**
Reader
Department of Zoology,
V.O. Chidambaram College,
Thoothukudi – 628008.

Duration of the Project : 2 years (15.11.2004 to 14.11.2006)

Sanction NO. : F. No. 4 (23) / 2003 – ASR – 1

Funding Agency : ICAR, New Delhi.

Total Cost of the Project : Rs. 3,31,760 /

2 Project Title **“Technology development for mass culture of *artemia* species at Tuticorin salterns.”**

Principal Investigator : Dr. D. Radhika

Duration of the Project : 3 Years

Sanction NO. : 0415 / 2008 – Letter dated: March 19th 2009.

Funding Agency : DST

Total Cost of the Project : 15.612 Lacs.

18. Minor/ Major Projects ongoing :

1. Project Title : **Isolation characterisation and development of immuno stimulants against fish pathogen from somesea weed in gulf of mannar coast"**

Principal Investigator : Dr. D. Radhika

Duration of the Project : 3 Years

Sanction NO. : F42-535/2013(SR)Dated22.03.2013

Funding Agency : UGC

Total Cost of the Project : 13,93,300/-

2. Project Title : **“FABRICATION OF CONDUCTING POLYMER-METAL NANO THIN FILM MODIFIED ELECTRODE FOR ELECTROCHEMICAL SENSORS OF ENVIRONMENTAL SAMPLES OF BRINE SHRIMP”**

Co Investigator : Dr. D. Radhika

Duration of the Project : 3 Years

Sanction NO. :

Funding Agency : UGC

Total Cost of the Project : 10.56 Lacs.

19. Any other relevant information : Nil
(Co-curricular Activities)