

RESUME



Name: P. Raja
Designation: Assistant Professor & Head
Department: Zoology
Address: St. Xavier's College (Autonomous)

PERSONAL DETAILS

Date of Birth : 30.04.1981
Qualification : M.Sc., Ph.D.
Designation : Assistant Professor
Department : Zoology
Community : BC
Religion : Roman Catholic
Nationality : Indian
Mobile : 9940837769
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ACADEMIC QUALIFICATIONS

Degree	Specialization	College	University	Year of Passing
B.Sc	Zoology	V.O.C College, Tuticorin	M.S. University	2001
M.Sc	Zoology	V.O.C College, Tuticorin	M.S. University	2003
Ph.D	Zoology	S.D.M.R.I. Tuticorin	M.S. University	2009

ACADEMIC IDENTITY

*VIDWAN ID	194052
*ORCID ID	0000-0003-4452-2583
*SCOPUS ID	https://id.elsevier.com/settings/redirect?code=r-QxCO-BMw8vI43X3yeigBXtnBigtnXtTjI93GJe
*RESEARCHER ID/ PUBLONS ID	GON-9968-2022
GOOGLE SCHOLAR LINK	https://scholar.google.com/citations?user=zEi7Ga4AAAJ&hl=en

ADDITIONAL QUALIFICATIONS

1. Type Writing – Tamil & English Senior Grade
2. SCUBA Diving- Open water

TEACHING EXPERIENCE

Date of Appointment	18.06.2012
Date of Retirement	30.04.2041
Teaching Experience	UG
	PG
	M.Phil.
Research	Guided M Phil:5 Guided Ph D:1 Guiding Ph D Scholar:4

Dissertations Guided

Course	Title of dissertation

Ph.D	K. Karunakaran, Bioactive metabolites from marine fungi, Manonmaniam Sundaranar University.
M.Phil	K.Gautam, Screening of antibacterial activity of marine bacteria and characterization of <i>Pseudomonas pseudoalcaligenes</i> from koodankulam coast, Gulf of Mannar- Suganthi Devadason Marine research Institute, Tuticorin
	Vivin J. Ravindren, Investigations on the antioxidant potential of seaweeds and their biological activity against human pathogenic bacteria. Suganthi Devadason Marine Research Institute, Tuticorin.
	M. Vijayalakshmi, Studies on isolation of Lacto bacillus bacteria from Fish gut and Probiotic activity against common fish pathogens. Suganthi Devadason Marine Research Institute, Tuticorin
	S. Malarvili, Screening of antioxidant and antibacterial properties of seaweeds. St. Xavier's College(Autonomous) Tirunelveli.
	S. Subernavathi, Bactericidal potential of seaweeds and its epiphytic bacteria of Tuticorin coast, southeast of India, St. Xavier's College(Autonomous) Tirunelveli.
M.Sc	Evaluation of antibacterial activity of seaweeds and their associated bacteria against human pathogens-S.Balakrishnan, VIT University(April-2009)
	Deposition of heavy metals in sewage water and sediment in Therespuram area of Tuticorin coast-T.Akni Devi, Department of Chemistry, V.O.C.College, Tuticorin.
	Study on some trace elements chemistry of Estuarine sediments and waters of Thamirabarani river at Punnakayal of Tuticorin district, Tamilnadu-R.Sheeba, Department of Chemistry, V.O.C.College, Tuticorin.
	Heavy metal concentration in water, sediment and biota of a mangrove ecosystem near roach park, Tuticorin coast-K.Eswari, Department of Biochemistry, Muthiyammal college of Arts & Science, Rasipuram, Namakal District
	Impact of cadmium on carotenoid production of the red yeast rhodotorula species and its antagonistic activity against human pathogens- G.Reji, Department of Biochemistry, Muthayammal college of Arts & Science, Rasipuram, Namakal District.

Isolation of antagonistic actinomycetes from mangrove ecosystem of Tuticorin coast.- Jennifer Sylvia, Department of Biotechnology, Muthayammal college of Arts & Science, Rasipuram, Namakal District
Extraction of Chitin and Chitosan from Shrimp and crab wastes and screening for their antibacterial activity against human pathogens. K.Sree Lekshmi, Department of Biochemistry, Muthayammal college of Arts & Science, Rasipuram, Namakal District
Antibacterial activity of green seaweeds, <i>Ulva fasciata</i> and <i>U. reticulata</i> against human pathogenic bacteria- C.Gith, Suganthi Devadason Marine research Institute.
Studies of the bioluminescent bacteria from Tuticorin coast, Southeast coast of India, M.P.Arul moorthy, Suganthi Devadason Marine research Institute.
Studies of the bioluminescent bacteria from Tuticorin coast, Southeast coast of India, M.P.Arul moorthy, Suganthi Devadason Marine research Institute.
Antibacterial screening of seaweed, <i>Hypnea valentiae</i> (Turner,1841) and its epiphytic bacteria against human pathogens. I. Muthu Laxmi, St.Xavier's College(Autonomous) Tirunelveli.
Antibacterial properties of gut associated bacteria from <i>Catla catla</i> (Hamilton,1822) and <i>Channa punctatus</i> (Bloch, 1793) R. Siva Sakthi, St.Xavier's College(Autonomous) Tirunelveli.
Major pediatric ophthalmic complications in consanguineous marriage. S. Sornalatha, St. Xavier's College(Autonomous) Tirunelveli.
Relationship between childhood astigmatism and physical activity, M. Ponmani, St.Xavier's College(Autonomous) Tirunelveli.
Assessment of antibacterial potential of seaweeds collected from Tuticorin coast, southeast of India, V. Ramya, St. Xavier's College(Autonomous) Tirunelveli.
Relationship between gastrointestinal disease and ophthalmic complaints, M. Subashini, St. Xavier's College(Autonomous) Tirunelveli.
Isolation and screening of antagonistic bacteria from <i>Channa striatus</i> (Bloch, 1973). A. Divya, St. Xavier's College(Autonomous) Tirunelveli.
Isolation and antibiotic screening of gut associated bacteria from <i>Cirrhinus mrigala</i> (Hamilton, 1822) and <i>Tilapia mossambicus</i> (Peters, 1852) against fish pathogens,S. Vijayalaxmi, St. Xavier's College(Autonomous) Tirunelveli.

Isolation of antagonistic actinomycetes from mangrove ecosystem of Tuticorin coast, Southeast coast of India, P. Princes Adlin, St. Xavier's College(Autonomous) Tirunelveli.
Phytochemical screening, antibacterial potential and biolethal effect of <i>stigeoclonium sp</i> , B. Sujitha, St. Xavier's College(Autonomous) Tirunelveli.
Antibiotic activity of antagonistic bacteria isolated from <i>Cirrhinus mrigala</i> (Bloch, 1795), M. Antony Jeniton, Dept. of Zoology, St. Xavier's College (Autonomous) Tirunelveli.
Isolation and identification of gut associated probiotic bacteria from <i>Etroplus maculatus</i> (Bloch, 1795), K. Ragavendran, St. Xavier's College(Autonomous) Tirunelveli.
Antibacterial activity of seaweed extracts against human and fish pathogens, Antony Noel Steffy, St. Xavier's College(Autonomous) Tirunelveli.
Invitro studies of antimicrobial activity in medicinal Plant, K. Ella Muthu, St. Xavier's College(Autonomous) Tirunelveli.
Inhibition of shrimp pathogenic bacteria by extracellular compounds isolated from <i>Bacillus</i> and <i>Pseudomonas sp</i> . A. Angelin Gracia. St. Xavier's College(Autonomous) Tirunelveli.

AWARDS RECEIVED

1.	Junior Research Fellowship award, DST 2004-2006
2.	Senior Research Fellowship award, DST 2006-2007
3.	Senior Research Fellowship award , Sedhu Samuthiram Ship Channel Project

COURSES/CLASSES TAUGHT	NAME OF THE INSTITUTIONS	DURATION		Years
		From	To	
M.Sc Marine Science and Ocean Management	Suganthi Devadason Marine Research Institute	June 2009	May 2012	2 years 11 months

Zoology UG & PG	St. Xavier's College (Autonomous), Palayamkottai	18.06.2012	Till now	10 years
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ADMINISTRATIVE EXPERIENCE			
S. No	DESIGNATION	INSTITUTIONS	YEAR
1	M.Sc. Marine Science and Ocean Management co-ordinator	Suganthi Devadason Marine Research Institute	August 2008-May 2012
2	Head of the Department	Department of Zoology, St. Xavier's College (Autonomous), Palayamkottai.	Since 12.03.2020

MEMBERSHIP		
S. No	Designation	Particulars
1.	Member of Editorial Board	Indian Journal of Marine Science

ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT PROGRAMME UNDERGONE ()			
S. No	Name of the Training	Name of the Sponsoring Agency	Place and Date
1.	Faculty Orientation Programme on " Insights into Marine Biodiversity and Taxonomy	Centre for Climate Change Studies	Sathyabama Institute of science and Technology 10 th -14 th Aug.2020
2.	Faculty development Programme for teachers	UTA	Universal Teachers Academy Puducherry
3.	Two week MOOC workshop for teachers on Management of Environment and its resources	Dept of Chemistry	Nesamony Memorial Christian College, Marthandam 28 th April to 11 th May 2020
4.	Faculty Development programme on Online Teaching via Google LMS during COVID 19 Pandemic	IQAC	C. Abdul Hakeem college, Melvisharam 28 th to 20 th May 2020
5.	SXC centenary-Faculty Empowerment Programme	IQAC	St.Xavier's College, 23.07.2022
6.	Orientation Training for teachers	IQAC	St.Xavier's College, 15.07.2022 & 16.07.2022

7.	UGC-Sponsored Online Refresher Course in Bio-Sciences (Interdisciplinary)	HRDC, Bharathidasan University	11.12.2020-24.12.2020
8.	Online Refresher Course on Advance Research Methodology	Ministry of Education, Teaching Learning Centre, Ramanujam College, University of Delhi	20.08.2021-03.09.2021
9.	Orientation programme	HRDC, Bharathidasan University	Trichy, 18.05.2018-14.06.18
10.	Orientation programme for teachers on Counselling and mentoring	IQAC	St.Xavier's College 19 th and 20 th June, 2017
11.	Orientation programme for teachers on "Innovative Teaching strategies for student-centered education"	IQAC	St.Xavier's College 5 th July 2015
12.	Orientation programme for Teachers on "Millennium Psychology of Students"	IQAC	St.Xavier's College 14 th and 15 th June, 2016
13.	Orientation programme for teachers on 'Classroom management and teaching skills	IQAC	St.Xavier's College 21.08.2014
14.	Orientation programme for teachers	IQAC	St.Xavier's College, 18 and 19 th August, 2012
15.	On going faculty development training programme for the teaching staff	Jesuit Higher Education Commission	St. Joseph's College, Trichy 4.11.2013 to 22.11.2013
16.	Faculty workshop on competence building	UGC	St.Xavier's College 15 th and 16 th March 2013
17.	Orientation programme for teachers	IQAC	St.Xavier's College, 15.06.2012

DETAILS OF RESEARCH WORK

Research Stages	Title of the Thesis	University where the work was carried out
Ph.D	Chemical defense in seaweeds from Gulf of Mannar	M.S. University, Tirunelveli

AREAS OF RESEARCH
Aquaculture
Microbiology
Marine Natural Products
Aquatic Toxicology
Biodiversity

RESEARCH PROJECTS CARRIED OUT			
S. No	Title of the Project (Minor)	Name of the Funding Agency & Amount	Duration
1	Isolation and characterization of antifouling compounds from seaweed associated antagonistic bacteria of Gulf of Mannar, Southeast coast of India.	UGC-7,60,400/-	2009-2012

PUBLICATIONS				
BOOKS	BOOK CHAPTERS	SCOPUS	WEB OF SCIENCE	UGC LISTED
1	1			
OTHER INDEXED	AS A RESOURCE PERSON	PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL SEMINARS	WEBINARS, SEMINARS, WORKSHOPS ATTENDED	

PUBLICATIONS: BOOKS (1)			
S. No	Title of the Book	Publication	Year
1	Training manual on seaweed culture	SDMRI, Research Publications	2008

BOOK CHAPTERS (1)

S. No	Title of the Paper	Name of the Book	ISSN No., Pg.No
1	Environmental Studies	SXC	-

PUBLICATIONS: SPRINGER (1) SCIENCE DIRECT(1)			
S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor &Pg.No
1	Emmanuel Joshua Jebasingh, S., R. P. Rajesh, P. Raja , M. Lakshmikandan (2014). Presence of Antibacterial Activity in Feather Star, <i>Capillaster multiradiatus</i> Extract Against Human and Fish Bacterial Pathogens..	Proceedings of the National Academy of Sciences, India Section B: Biological Sciences	85, 271–276 (2015). https://doi.org/10.1007/s40011-014-0328-5
2	Emmanuel Joshua Jebasingh, S., M. Lakshmikandan, R. P. Rajesh, and P. Raja (2013). Biodegradation of acrylamide and purification of acrylamidase from newly isolated bacterium <i>Moraxella osloensis</i> (MSU11).	Journal of International Biodeterioration and Biodegradation.	85 (SI). pp. 120-125. (ISSN: 0964-8305). Impact factor:3.5

PUBLICATIONS: SCOPUS INDEXED JOURNALS (5) WEB OF SCIENCE (1)			
S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg. No
1	M.Sabu, Y. Jaya Vinse Ruban, , S. Ginil Mon, P. Raja S.Muthukrishnan (2021) Enriched antibacterial and antifouling performance of organoclay filled hybrid epoxy composites.	Composites Communications	(24) ISSN 2452-2139. Impact factor 4.9
2	Raja, P. , C. Chellaram and K. Diraviya raj (2015) Medicinal Properties of Green seaweeds, <i>Ulva fasciata</i> (Delie, 1813) and <i>U. reticulata</i> (Forsskal, 1777). <u>sciences</u> .	International Journal of Research in Pharmaceutical	6(1): 1-6. ISSN:0975-7538

3	P.Raja , C.Chellaram, S.E.J.Jebasingh, N.Maheshwari, M. Chandrika and C.Gladis (2013). Bio-degradation of harmful textile dyes by marine bacteria from Tuticorin coastal Waters Southeastern India.	Journal of Chemical and Pharmaceutical Research,	2013, 5(7):146-151. ISSN : 0975-7384, IMPACT FACTOR 0.75
4	Chellaram, C., P.Raja , K. karnakaran, T.Prem Anand, A.Alex john, G.Kuberan, M.Chandrika and C.Gladis Rajamalar (2012). Biomedical potential of seaweeds from Gulf of mannar coastal waters.	Global journal of Pharmacology.	6(3):231-235,2012. ISSN 1992-0075
5	Murugan, M. Shynisha Begum, M. Santhana Ramasamy and P. Raja , Antifouling and antipredatory activity of natural products of the seaweeds, <i>Dictyota dichotoma</i> and <i>Chaetomorpha linoides</i> –	Natural Product Research	2011 Aug 23, 21861643. https://doi.org/10.1080/14786419.2010.545355
6	R.Sankar, P.Raja and A.Murugan, “Occurrence of <i>Umbraculum umbraculum</i> in Tuticorin coast, Southeast coast of India: A possible alien species.	Indian Journal of Geo-Marine Sciences.	Vol. 40 (4), August 2011, pp 487-490.

PUBLICATIONS: UGC LISTED JOURNALS (10)			
S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg. No
1	M. Sappani Muthu, P. Ajith, J. Agnes, R. Ramkumar, P.Raja , D. Prem Anand (2022). Synthesis, characterizations and Antibacterial Studies of Chromium trioxide Nanoparticles.,	International Journal for Modern Trends in Science and Technology	8(01): 252-258, ISSN: 2455-3778 online, DOI: https://doi.org/10.46501/IJMTST0801044
2	Mabel Parimala S. P. Raja, S. Suhasini, G. Valarmathi and T. Maheswaran (2021) Assessment of antibacterial property of <i>Tribulus terrestris</i> (leaves) from Tirunelveli district, India,	Uttar Pradesh Journal of Zoology.	42(24): 388-395, ISSN: 0256-971X (P)
3	Muthu Krishnan S and P. Raja (2021). Immunostimulant effect of seaweeds in <i>Channa punctatus</i> challenged by <i>Aeromonas hydrophila</i> .	Journal of drug delivery and Therapeutics.	11(4):20-23 http://jddtonline.info/ ISSN: 2250-1177
4	M. Sappani Muthu , P. Ajith , J. Agnes , R. Ramkumar , S. Stanly John Xavier P.Raja Aiswarya Kesh , Akhila Kumar Sahu , D. Prem Anand, (2021) Preparation and Characterization studies of Graphene Oxide And its Antimicrobial activity. https://drive.google.com/file/d/1Bgkc_0tquYIgpV_f7HitTA3W59IbjgI/view	Journal of Wutan Huatan Jisuan Jishu..	Volume XVII, Issue XII,36-44, ISSN: 2455-3778 online
5	S. MuthuKrishnan, P. Joseph Antony reese, P. Raja and J. Ronald (2021) Morphometric characters and meristic counts of cat fish, <i>Mystus gulio</i> (Hamilton1822) from Maruthur Anicut, Tirunelveli district.	Uttar Pradesh Journal of Zoology.	42(24):123-131, ISSN: 0256-971X (P) http://mbimph.com/index.php/UPJOZ/article/view/2667

6	S. MuthuKrishnan, P. Raja and J. Ronald(2021) Antagonistic Activity of gut associated probiotic bacteria isolated from <i>Etroplus maculates</i> (Bloch, 1795). 42(24):138-147.	Uttar Pradesh Journal of Zoology.	http://mbimph.com/index.php/UPJOZ/article/view/2669
7	Kavitha Duraisamy , Sureshkumar Muthusamy , Senthilkumar Balakrishnan , Raja Paulraj (2019) Molecular modeling based structural insights into biodegradation of the pesticide Chlorpyrifos by Organophosphate hydrolase from <i>Pseudomonas stutzeri</i> MCAS01.	Journal of Information and Computational Science.	Volume 9 Issue 12.ISSN: 1548-7741
8	Ramkumar R, Karthick Murugan Amster Regin Lawrence R, and Raja P. (2019) Biosynthesis of silver nanoparticles using <i>Acalypha fruticose</i> Forssk. Leaf extracts.	Journal of Emerging Technologies and Innovative Research. (6)	479-484. (ISSN-2349-5162)
9	Muthu Krishnan S, Ramkumar R, Raja. P and Amster Regin Lawrence R (2019) Phytochemical Analysis and Brine Shrimp Lethality Bioassay of the Leave Extract of <i>Strychnos Nux-Vomica L</i>	Journal of Emerging Technologies and Innovative Research.	Volume 6, Issue 3(ISSN-2349-5162).
10	Joseph Antony Reneese.P, Muthu Krishnan. S, Raja.P , and Ronald.J. (2018) Studies on Ichthyo-diversity of Maruthur anicut, Tirunelveli district, Tamil nadu, India.	Journal of Emerging Technologies and Innovative Research.	NOVEMBER 2018, VOLUME 5, ISSUE 11 (ISSN- 2349-5162)

PUBLICATIONS: OTHER INDEXED JOURNALS (27)

S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor &Pg.No
1	J. Vijayakumari, T. Leon Stephan Raj, A. Antony Selvi, Raja Glenna, P. Raja (2019)	Journal of Nanoscience, Nanoengineering & Applications.	Volume 9, Issue 1, ISSN: 2231-1777 (Online)

	Comparative Study of Plant Mediated Synthesis of Silver, Copper and Zinc Nanoparticles from <i>Tiliacora acuminata</i> (lam.) Hook. F. and Their Antibacterial Activity Studies.		
2	Raja P and A Murugan (2018). Seasonal variation in bioactivity profile of seaweeds from Gulf of Mannar, Southeast coast of India in deterring byssus production and attached in mussel <i>Perna indica</i> , -	Seaweed Research and Utilization	Vol. 40(2) July-December pp29-37. ISSN NO.0971-7560
3	C. Chellaram and P. Raja (2018) . Isolation of antibiotic compounds from seaweeds collected from Kootapuly coastal waters, Tamilnadu, India and tested against selected pathogens.	Proceedings of Academics World 87 th International conference,	1-2 nd July 2018 Kuala Lumpur, Malaysia,
4	C. Chellaram and P. Raja (2018) . Isolation of antagonistic bacteria from fresh water fish, <i>Cirrhinus mrigala</i> (bloch, 1795) and tested against selected fish pathogens.	Proceedings of Third Asia pacific Conference on Multidisciplinary Research 2018,	Srilanka 6 th and 7 th July, 2018
5	John Peter Paul J. and P. Raja (2018) . Hepatoprotective activity of methanolic extract of <i>Gracilaria corticata</i> J. Ag. in Hare Island, Thoothudi, Tamil Nadu, India.	World Journal of pharmaceutical research	Vol.7, Issue 7, 1517-1522
6	Raja, P and J. Ronald (2018). Investigation on chemical defense of red seaweed <i>Gracilaria crassa</i> (Harvey ex J. Agardh) collected from Tuticorin coast of Gulf of mannar.	Proceedings of the National Conference on Climate Change and Sustainable Environment 15-16, March.2018.	St. Xavier's College, Palayamkottai. ISBN: 978-93-5300-509-2.
7	Muthu krishnan S, P Raja and J Ronald (2018). Antibacterial Potential Of Brown Seaweed <i>Calpomenia Sinuosa</i> (Mertens & Roth) Derbes & Soliers (1851)	Proceedings of the National Conference on Climate Change and Sustainable Environment 15-16, March.2018	St. Xavier's College, Palayamkottai. ISBN: 978-93-5300-509-2

	Against Human Bacterial Pathogens.		
8	Chellaram, C., S. Subarnavathi and P. Raja (2016). Antibiotic activity in Epiphytic bacteria of Seaweed <i>Caulerpa scalpelliformis</i> , Southeastern India.	Proceedings of 26 th IASTEM International Conference, Phnom Penh, Cambodia,	13 th July 2016, ISBN:978-93-86083-58-6. pg.6-10.
9	Chellaram, C., S. Subarnavathi and P. Raja (2016). Antibiotic activity in Epiphytic bacteria of Seaweed <i>Caulerpa scalpelliformis</i> , Southeastern India.	Proceedings of 26 th IASTEM International Conference, Phnom Penh, Cambodia,	13 th July 2016, ISBN:978-93-86083-58-6. pg.6-10.
10	Raja, P. , J. Ronald (2015) Antagonistic activity of gut associated bacteria from <i>Catla catla</i> (Hamilton, 1822) and <i>Channa punctatus</i> (Bloch, 1793)	Int. J. Applied Bioresearch	(2015) 23:10-15. ISSN 2250 - 2033
11	Kavitha, D., Sureshkumar M and P. Raja (2015) Screening and Optimization of Biosurfactant Production by <i>Pseudomonas aeruginosa</i> .	Proceeding of the National Conference on “Sustainability, Challenges and Advances in Biological Sciences”	OP-025. Pg. 58-60.
12	Priyalaxmi, A.Murugan, R. P. Raja and K. Diraviya Raj. (2014). Bioremediation of cadmium by <i>Bacillus safensis</i> (JX126862), a marine bacteria isolated from mangrove sediments	International Journal of Current Microbiology and Applied Sciences.	3(12): 326-335
13	Angiesh, T.K. and P.Raja ,(2013). Antibiotic sensitivity of Nosocomial pathogens against commercial antibiotics and seaweed associated bacterial metabolites.	Journal of Basic and Applied Biology	(5):15-25.

14	Angiesh, T .K., P Raja and K. Diraviya Raj (2013). Antibacterial activity of bacteria associated with mangrove plant <i>Avicennia marina</i> and fish <i>Mene maculata</i> against human pathogens.	Journal of Ecobiology,	32(1): 11-19.
15	Karunakaran, K., P. Raja , K. Diraviya raj and A. Murugan (2013). Anti-inflammatory, Analgesic, Anti-pyretic, Anti-ulcer and CNS stimulant activities of Marine fungus, <i>Aspergillus oryzae</i> .	Journal of Pharmacologia.	359-364. ISSN: 2044-4656.
16	Raja, P. and D. Jaison (2012). Studies on antifouling activity of bacterial metabolites isolated from green seaweed associated bacteria against Indian brown mussel	. International Journal of Biological Technology	Vol. No.3(3):25-30. ISSN: 0976 – 4313.
17	Raja, P. and D. Jaison, (2012). Assessment of Antifouling properties of seaweeds associated epiphytic bacteria against Marine Biofilm strains.	International Journal of Biological Technology	Vol. 3(1):69-73.6-117- ISSN: 0976 – 4313.
18	P. Raja , C.Chellaram and A. Alex John,(2012) Antibacterial Properties of Chitin from Shell Wastes.	Indian Journal of Innovations and Developments.	Vol. 1 No. S 8 (Aug 2012) ISSN: 2277–5382.
19	Emmanuel Joshua Jebasingh, S., S. Rosemary, S. Elaiyaraja, K. Sivaraman, M.Lakshmikandan, A. Murugan and P.Raja .(2011) Potential Antifouling Activity of Selected Green and Red Seaweeds-	Pharmaceutical and biomedical science.	2011,5(14). ISSN: 2952-8100
20	Kathiresan,S.,R.Sankar, K.Karunakaran, P.Raja and A.Murugan, 2010. Diversity of phosphate solubilizing bacteria from mangroves of Tuticorin and Punnakayal.	Seaweed Research and Utilization	Utln.32(1).1-6. ISSN NO.0971-7560

21	Sankar,R., K.Karunakaran, S.Kathiresan, P.Raja and A.Murugan,2010. Antibacterial activity of mangrove sediment associated bacteria from Tuticorin Coast.	Seaweed Research and Utilization	Vol.32(1). ISSN NO.0971-7560
22	Karunakaran, k., S.Kathiresan, R.Sankar, P.Raja and A.Murugan, 2010. Antibacterial activity of epi and endophytic fungi isolated from the seaweed <i>Padina tetrastrum</i> Hauck against human pathogens.	Seaweed Research and Utilization	<u>Vol.32</u> (1).ISSN NO.0971-7560
23	Raja,P.,K. Karunakaran, R.Sankar,S.Kathiresan and A.Murugan.2009. Chemical deterrence in the red seaweed <i>Gracilaria verrucosa</i> from Tuticorin coast of Gulf of Mannar.	Seaweed Research and Utilization	Vol. 31(1 & 2):109-115.ISSN NO.0971-7560
24	Emmanuel Joshua Jebasingh, S., P. Raja and A. Murugan. 2008. “Antibacterial activity of the seaweed <i>Gracilaria edulis</i> associated epiphytic bacteria against human bacterial pathogens”	Seaweed Research and Utilization	Vol. 30 : 183-189.ISSN NO.0971-7560
25	Raja, P. , R.P. Rajesh and A.Murugan, 2008. Antagonistic activity of the surface associated bacteria of the seaweed <i>Halimeda tuna</i> .	Seaweed Research and Utilization	Vol. 30 :191-196.ISSN NO.0971-7560
26	Raja, P. , V. Golda Vincy and A. Murugan. 2008. “Chemical defense in the seaweed, <i>Caulerpa scalpelliformis</i> from Tuticorin Coast”	Seaweed Research and Utilization	Vol. 30 :120-132.ISSN NO.0971-7560
27	Murugan, A., R. Leka Meera, P. Raja and K. Arul Senthil, (2007). Antibacterial activity of the seaweed <i>Chaetomorpha antennina</i> and its epiphytic	Seaweed Res.Utiln.	Vol. 29(1&2):67 – 74, 2007.

	bacteria against biofilm and human pathogenic bacterial pathogens.		
AS A RESOURCE PERSON (1)			
S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	Zoology Congress -Co chaired: Aquaculture	Dept of Zoology	10-13 Jan, 2018
2	Creation of Scientific awareness for SHG and Farmers Special lecture on Hare farming	TNSCST-DIT	on 01/12/2017
3	Training Programme on Vermicomposting for the Fisher folks.	SDMRI, Tuticorin	Tharuvaikulam, 12.07.2006
4	Seaweed Culture Training to Coastal Fisherwomen as a possible source of improving the socio-economic status.	SDMRI, Tuticorin	Vembar, Tuticorin district. 15.12.2006
5	Training programme on Crab fattening to coastal fisher men,	SDMRI, Tuticorin	Vembar, Tuticorin district. 18.12.2006
6	Training Programme on Crab fattening to coastal fisher women	SDMRI, Tuticorin	Vembar, Tuticorin district. 20.12.2006

PUBLICATIONS: NCBI			
S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor &Pg.No
1	<i>Pseudomonas aeruginosa</i> strain CARE1.2 16S ribosomal RNA gene, partial sequence	GenBank: OP217140.1	2022
2	<i>Bacillus velezensis</i> strain CARE1.1 16S ribosomal RNA gene, partial sequence	GenBank: OP217139.1	2022
3	<i>Aeromonas salmonicida</i> strain CAREFP03 16S ribosomal RNA gene, partial sequence	GenBank: OL873258.1	2021

4	<i>Aeromonas veronii</i> strain CAREFP02 16S ribosomal RNA gene, partial sequence	GenBank: OL873257.1	2021
5	<i>Aeromonas hydrophila</i> strain CAREFP01 16S ribosomal RNA gene, partial sequence	GenBank: OL873256.1	2021
6	<i>Lysinibacillus fusiformis</i> strain CAREPB02 16S ribosomal RNA gene, partial sequence	GenBank: OL771532.1	2021
7	<i>Acinetobacter baumannii</i> strain CAREPB01 16S ribosomal RNA gene, partial sequence	GenBank: OL771531.1	2021
8	Dhanya,S., Sureshkumar,M. and Raja, P. (2015). <i>Staphylococcus sciuri</i> strain DHAN01 16S ribosomal RNA gene, partial sequence: Isolation, Characterization of Endophytic Bacteria from <i>Catharanthus roseus</i> and <i>Ocimum sanctum</i> Leaf Sample	Genebank and received an accession no. KT270573.	2015
9	Priyalaxmi.R and Raja P. (2012). <i>Bacillus safensis</i> isolated from mangroves of Tuticorin Genebank and received an accession no. JX126862.	Genebank and received an accession no. JX126862.	2012
10	Karunakaran,K., Raja,P. and Murugan,A.(2012). Marine fungus, <i>Aspergillus oryzae</i> ,	Gene Bank ACCESSION JN8600 66	2012
11	Raja,P. and Karunakaran,K.(2012). Marine	Gene Bank ACCESSION JQ2450 69	2012

Red Yeast, <i>Rhodospiridium sphaerocarpum</i>		
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WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP			
PAPER PRESENTED: National (6) International (1)			
S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	National symposium on Marine Plants, their chemistry and Utelization	Seaweed research and Utelization association	Suganthi Devadason Marine Research Institute, 23 & 24.06.2005
2	4 th International Symposium on “biocontrol and biotechnology”	IQAC	at PG & Research Department of Zoology and Biotechnology, Lady Doak College, Madurai.
3	“National symposium on marine and coastal ecosystems”	UGC	during 27 – 29, August 2007 at Madurai Kamaraj University, Madurai
4	Eleventh Tamil Conference conducted by Tamilnadu Science Assembly	TNSCST	held at Manonmaniam Sundaranar University, Tirunelveli during May 21-23,2010.
5	National seminar on Marine conservation	UGC	A.P.C.Mahalaxmi college for women, Tuticorin during 18 th Nov. 2013.
6	National seminar on Nascent Technologies in Biomedical, Electrical Engineering and Communications	IQAC	Vel Tech multi Tech Dr.Rangarajan, Dr. Sakunthala

			Engineering College, Chennai during 21 st Sep. 2013.
7	12 th National level biological congress on Recent advances in biological sciences towards sustainable Development,	TNSCST, UGC	Muthayammal college of arts and science, Salem during 9 th and 10 th January 2014.
8	13 th National Level Conference of IAAM on “Sustainability, Challenges and Advances in Biological Sciences”	TNSCST, UGC	held at Muthayammal college of arts and science, Salem during 18 th and 19 th December 2015.

WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP ATTENDED:			
S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1.	International conference on Vectors: menace and Management	UGC, TNSCST	St.Xavier’s College 28 th and 29 th Jan.2020
2.	Seminar on Assessment and Accompaniment of students	UGC	St.Xavier’s College 30.04.2019
3.	Two day workshop on SPSS	Dept of Zoology, SXC	8 th and 9 th January 2018
4.	International seminar on Aquaculture-current and future prospects	Dept of Zoology	Sri Parasakthi college for women, courtrallam, 24.01.2018
5.	Workshop on creation of Scientific Awareness	TNSCST	31.11.2017
6.	National level workshop on Research Projects, Funding and E-Resources	TNSCST	Saiva Bhanu Kshatriya College, Aruppukottai 29 th July 2017
7.	Two day lecture workshop on “Genetics today”	Dept of Zoology	St.Xavier’s College 6 th and 7 th March, 2017
8.	Seminars for teachers on “Psychology of students”	IQAC, SXC	St.Xavier’s College 30.09.2016
9.	National Seminar on “ Biodiversity and conservation: present status and future perspectives”	Dept of Zoology, SXC	St. Xavier’s College, 12-13 th Feb. 2015

10.	National Seminar on ‘Innovations in Student-Centered teaching-learning process in 21 st Century	IQAC, SXC	St. Xavier’s College, 29 th and 30 th January 2015
11.	National seminar on “Biodiversity and Bioresources: A fragile balance”	UGC & DST	St.Xavier’s College 25 th and 26 th Feb. 2013

SEMINAR/WEBINARS / WORKSHOPS ORGANISED ():

S. No	Name of the Event	Date
1.	International conference on Recent Trends in Aquaculture	25 th March 2022
2.	National webinar	3 rd Aug 2021
3.	National level Zoology Webinar Series	22 nd , 23 rd & 25 th July 2020
4.	National Seminar on “Life on edge:Concerns, causes and Conservation”	18 th & 19 th February 2016
5.	National Seminar on “Recent Trends in Endocrinology”	24 th & 25 th 2014

EXTRA-CURRICULAR ACTIVITIES/ CO-CURRICULAR ACTIVITIES ATTENDED(NCC/NSS/YRC/SPORTS/LITERARY AND CULTURAL ACTIVITIES)

Stand In-charge Staff during 2012-13 and 2016-17
Enviro Club: Co-ordinator 2015 and 2016
Department Sports in-charge 2016-2019
Zoology Association co-in charge 2014
Zoology festival in-charge 2016

Date:

Name: