

RESUME



Name: Dr. R. Azhagu Raj
Designation: Assistant Professor
Director, Internal Quality Assurance Cell (IQAC)
Department: Zoology
Address: St. Xavier's College, Palayamkottai. 627002

PERSONAL DETAILS

Date of Birth : 03 June 1985
Qualification : M.Sc., M.Phil., Ph.D., SET. F.I.A.Z.R (ZOOLOGY)
Designation : Assistant Professor
Department : Zoology
Community : OBC
Nationality : Indian
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ACADEMIC QUALIFICATIONS

Degree	Specialization	College	University	Year of Passing
Ph.D	Zoology	Loyola College, Chennai	University of Madras	2014
SET	Life Sciences	-	Bharathiyar University	2012
M.Phil	Zoology	Loyola College, Chennai	University of Madras	2009
M.Sc	Zoology	St.Xavier's College Palayamkottai.	M.S. University	2008
B.Sc	Zoology	P.M.T College, M.N.Nallur	M. S. University	2006
H.Sec.	General	G.A Govt. Hr. Sec. School, SNKL	T.N. State Board	2002
SSLC	General	36, G.S.T. Hr. Sec. School, SNKL	T.N.State Board	2000

ACADEMIC IDENTITY

*VIDWAN ID	193575
*ORCID ID	<u>0000-0001-7230-3762</u>
*SCOPUS ID	<u>56605086800</u>
*RESEARCHER ID/ PUBLONS ID	<u>E-7658-2011</u>
GOOGLE SCHOLAR LINK	https://scholar.google.com/citations?user=K4gnrSwAAAAJ&hl=en

TEACHING EXPERIENCE

Date of Appointment	20 June 2013 -Pachaiyappa's College for Men, Kanchipuram;ManonmaniamSundranar University, Tirunelveli (2015-2017) St. Xavier's College, Palayamkottai 16-06-2017 onwards,
Date of Retirement	31/05/2045
Teaching Experience	UG: 05 yrs. (16-06-2017 onwards)
	PG: 10 (20-06-2013 onwards)
	M.Phil: 02 (2015-2017)
Research	Guided M Phil: 01. Guided Ph D: Guiding Ph.D Scholar: 01

COURSES/CLASSES TAUGHT	NAME OF THE INSTITUTIONS	DURATION		
		From	To	Years
M.Sc. Zoology (Immunology, Genetics, Biochemistry, Research Methodology, Developmental biology, Fishery Biology)	Pachaiyappa's College for Men, Kanchipuram	20/06/2013	23/07/2015	2.5
M.Sc.&M.Phil. Zoology (Biodiversity, Genetics and Cell Biology, Immunology, Bioinstrumentation, Animal Physiology, Economic Zoology, Ethnozooology and Sericulture)	ManonmaniamSundranar University Tirunelveli	24/07/2015	30/05/2017	2
B.Sc.&M.Sc. Zoology (Animal Diversity I, Animal Diversity II, Animal Structure and Function, Cell and Molecular biology, Biochemistry, Genetics, Bioinformatics, Economic Zoology, Animal husbandry, Methods in Biology, Animal Diversity and comparative Anatomy, Biostatistics, Applied Zoology, Apiculture, Immunology and Microbiology, Applied	St. Xavier's College Palayamkottai	16/06/2017	Till date	Till date

Entomology and Ethics)				
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AWARDS RECEIVED	
1.	Best Researcher (Science) Award (2021- 2022) from St. Xavier's College, (Autonomous) Palayamkottai
2.	Best Outgoing P.G.Student Award (2008) from St. Xavier's College, (Autonomous) Palayamkottai

ADMINISTRATIVE EXPERIENCE			
S. No	DESIGNATION	INSTITUTIONS	YEAR
1.	Director, Internal Quality Assurance Cell (IQAC)	St. Xavier's College, Palayamkottai	01/07/2022 onwards
2.	Assistant Director, Internal Quality Assurance Cell (IQAC)	St. Xavier's College	2020 to 30-06-2022
3.	Core Committee Member for preparing for NAAC Visit for Cycle IV	St. Xavier's College	2018 April to 2019 August
4.	Member in College Governing Body	St.Xavier's College	Sept..2021 onwards
5.	Memberin Academic Council	St.Xavier's College	Sept. 2021 onwards
6.	Member in Planning & EvaluationCommittee	St.Xavier's College	Sept .2021 onwards
7.	Member in College Council	St.Xavier's College	Sept. 2021 onwards
8.	Member in Curriculum Development Cell	St.Xavier's College	Sept. 2021 onwards
9.	Member in Academic Audit Committee	St.Xavier's College	Sept 2021 onwards
10.	Member in Awards Committee	St.Xavier's College	Sept 2021 onwards
11.	Member in Board of Studies	St.Xavier's College	2017 onwards
12.	Member inInternal Quality Assurance Cell (IQAC)	St.Xavier's College	May 2019-July2021
13.	Member in Dissection Monitoring Committee (DMC)	St.Xavier's College	June 2017 – till date
14.	Member in YRC/ RRC/ BDC	St.Xavier's College	June 2018 – June 2022
15.	Assistant Director in Gandhi Block, Xavier Hostel	Xavier Hostel, St.Xavier's College	From 16-06-2017to 30-04-2018

MEMBERSHIP		
S. No	Designation	Particulars
1.	Fellow Member	F.I. A. Z.R (Fellow International Zoology Association of Zoology Research), New Delhi
2.	Member	International Society of Zoological Sciences (ISZS), China
3.	Life Member	Journal of Bio-pesticide, India (2010-2020)
4.	Member	Indian Science Congress, Kolkata, India
5.	Member	Phycological Society of India (PSI).
6.	Associate Editor	<i>ScientiaActaXavieriana</i>
7.	Associate Editor	<i>International Journal of Fauna and Biological Sciences</i>
8.	Assistant Editor	<i>Zoological and Entomological Letters</i>

ORIENTATION / REFRESHER COURSES / FACULTY DEVELOPMENT PROGRAMME UNDERGONE

S. No	Name of the Training	Name of the Sponsoring Agency	Place and Date
1.	Orientation programme for Teachers	St. Xavier's College	St. Xavier's College (Autonomous) Palayamkottai 15/07/2022 to 16/07/2022
2.	Orientation programme for Teachers handling Professional English course	St. Xavier's College	St. Xavier's College (Autonomous) Palayamkottai & 22/02/2022
3.	Orientation program for Teachers in Ignatian Perspectives	St. Xavier's College	St. Xavier's College (Autonomous) Palayamkottai & 13/08/2021
4.	Orientation Programme	MHRD-PMMMNMTT	TLC, MHRD-PMMMNMTT, Ramanujan College, New Delhi (Online) & 04/06/2020 to 01/07/2020
5.	Short term Course "Management of Environment and its Resources"	St. Xavier's College,	St. Xavier's College, Palayamkottai & 28-04-2020 to 11-05-2020
6.	Refresher Course On "Research Methodology and Data Analysis"	MHRD-PMMMNMTT	TLC, MHRD-PMMMNMTT, Ramanujan College, New Delhi 17- 31 May 2021
7.	Faculty Development	MHRD-PMMMNMTT	TLC, MHRD-PMMMNMTT,

	Programme on “Psychological Skills for Effective Teaching and Learning”		Ramanujan College, New Delhi & 1-7 June 2021
8.	Faculty Development Programme on “Advanced Pedagogical Techniques”	MHRD-PMMMNMTT	TLC,MHRD-PMMMNMTT, Ramanujan College, New Delhi & 30/6/2021 to 6/7/2021
9.	Faculty Development Programme on “Outcome Based Education”	MHRD-PMMMNMTT	TLC,MHRD-PMMMNMTT, Ramanujan College, New Delhi & 15 -21 July 2021
10.	Refresher Course in “ZOOLOGY”	MHRD-PMMMNMTT	TLC,MHRD-PMMMNMTT, Ramanujan College, New Delhi & 15- 29 Dec 2021

DETAILS OF RESEARCH WORK

Research Stages	Title of the Thesis	University where the work was carried out
Ph.D Zoology	Studies on animal associates, trace metal content and Bio-potentials of the marine alga <i>Chaetomorphaaerea</i> (Dillwyn) Kutzing	Loyola College, Chennai University of Madras
M.Phil Zoology	Homology modelling of COX and Advanced Biotechnological Directory	Loyola College, Chennai University of Madras
M.Sc Zoology	Computational Analysis and Methodology of Structure Prediction of COX and Phylogeny of 16S rRNA in Chosen fish species	M. S. University
B.Sc Zoology	Documentation Of Zootherapeutic Species in Sivgiri Taluk, Tirunelveli District, Tamilnadu	M. S. University

AREAS OF RESEARCH

General and Applied Zoology
Seaweed Associated Fauna
Phytochemistry,BioinformaticsPrediction of Activity Spectra for Substances (PASS) Homology Modeling and docking studies
Biosynthesis of Nanomaterials/ Nanoparticles and Characterization,

Crystal growth (Inorganic materials) and Characterization
Crop Production (Natural Enemies, Plant / Algal based Biocide against pests)
Biodiversity- Fishes, Spiders and Ants in Various ecosystems
Documentation of Zootherapeutic species in TamilNadu

PH.D. THESIS ADJUDICATED:

S.No	Name of the University	Title of the Thesis/ Name of Candidate/Year
1	Bharathiar University	RAVICHANDIRAN. ISOLATION AND CHARACTERIZATION OF BACTERIA FROM TANNERY EFFLUENT TREATMENT PLANT AND THEIR TOLERANCE TO HEAVY METALS 2022

RESEARCH PROJECTS CARRIED OUT

S. No	Title of the Project (Minor)	Name of the Funding Agency & Amount	Duration
1			

STUDENT RESEARCH PROJECTS GUIDED

S. No	Student Name	Title of the Project	Year
1.	Mr.Samuel.B	Phylogenetic analysis and Morphometry studies of Chosen Ants (Hymenoptera: Formicidae) from Thoothukudi Districts, Tamilnadu India.	2021-2022
2.	Mr.Jude D.	Avifaunal Diversity of Swamythoopu Salt Pan, Kanyakumari, Tamil Nadu, India.	2020-2021
3.	Ms.JamunaSelvi A	Morphometry Analysis of Native Freshwater from Manur Pond, Tirunelveli District, Tamil Nadu, India	2020-2021
4.	Sijon Antony, P. Kala, K. Vamithra, C. Mariselvan	Phytal Faunal Diversity In Erayanmanthurai Coast, Kanyakumari District, Tamil Nadu, India.	2020-2021
5.	Samuel B., Devi M. Nanthini, Anitha R.,	Diversity, Distribution And Morphometry Studies Of Ants (Hymenoptera: Formicidae)	2019-2020

	P. Naga Rani	From Tirunelveli District, Tamil Nadu, India	
6.	Ms. Saravanakumari, A. SelvaSuvitha, T. Parvathi Kalyani	Seaweed Associated Phytofaunal Diversity In Tiruchendur, Tuticorin District, Tamilnadu, India	2018-2019
7.	Ms.Sahayarani. M	Morphometric and Phylogenetic Analysis of Chosen frog Species	2016-2017
8.	Mr Vanesh.M	<i>In-silico</i> and Phylogenetic Analysis of Chosen Spider Species	2016-2017
9.	Mr Saravanakarthish. P	Effect of solar radiation on biochemical and histopathological changes in <i>Puntius bimaculatus</i> (Bleeker) (cypriniformes: cyprinidae)	2015-2016
10.	Mr Krishna kumar. K.	Effect of ultra violet radiation on biochemical and histopathological changes in <i>Glossogobiusgiuris</i> (Hamilton) (Perciformes: Gobiidae)	2015-2016
11.	MrSathish. R	Diversity and distribution of Ant species (Hymenoptera: Formicidae), in Pachaiyappa's College, Kanchipuram, Tamil Nadu, India	2014-2015
12.	Ms.Cijomol. P. J	Checklist of Spiders in mulberry ecosystem in Kanchipuram District, Tamilnadu,India.	2014-2015
13.	Ms.Gnanasundari. G	Preliminary phytochemical analysis of marine macroalga <i>Sargassumtenerrimum</i> (J. Agardh)	2013-2014
14.	Ms.Mala. K	Preliminary phytochemical analysis of marine macroalga <i>Caulerparacemosa</i> (J. Agardh)	2013-2014
15.	Ms.Sumathi, S. R	Prediction of biological activity of analgesic drugs using PASS.	2013-2014
16.	Ms.Rajeswari.P	Ethnoveterinary practices for cattle diseases in Vellore district of Tamilnadu, India	2013-2014
17.	Ms.Revathi. B	Survey on factors influencing Dysmenorrhoea among women students of Colleges in Kanchipuram, Tamilnadu	2013-2014

PUBLICATIONS				
BOOKS	BOOK CHAPTERS	SCOPUS	WEB OF SCIENCE	UGC LISTED
06	02	20		21
OTHER INDEXED	AS A RESOURCE PERSON	PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL SEMINARS	WEBINARS, SEMINARS, WORKSHOPS ATTENDED	
	05	37	57	

PUBLICATIONS: BOOKS (06)			
S. No	Title of the Book	Publication	Year
1.	The Ants (Erumbugal in Tamil)	PuthiyaVithaigal	2015
2.	KurunthogaiyumVilangiyalum in Tamil	Self	2018
3.	Laboratory Manual In Applied Zoology	Self	2016
4.	Animal Health	Self	2016
5.	Hand Book Of Ethnozoology	Self	2016
6.	Heart Diseases In India: Risk Factors&Preventive Measures. R. Azhagu Raj&M. Uthiralingam	Self	2017

BOOK CHAPTERS (02)			
S. No	Title of the Paper	Name of the Book	ISSN No., Pg.No
1.	R. Azhagu Raj and M.C. John Milton.MICROSCOPY: PRINCIPLES AND TYPES	Perspectives of Animal Taxonomy and Systematics	School of Biodiversity and Environmental Monitoring, Department of Advanced Zoology and Biotechnology, Loyola College, Chennai-34.
2.	Azhagu RajR. , J.Ganesh ., M.C. John Milton and Palavesam. A. 2016. Phytal fauna associated with the marine macro alga <i>Chaetomorphaaerea</i> (dillwyn) kutzing, (Chlorophyceae) in Pulicat Estuary, Tamilnadu	Proceedings in National Seminar on Marine Resources	M.D.T.HinduCollege,Tirunelveli

PUBLICATIONS: SCOPUS INDEXED JOURNALS & WEB OF SCIENCE (19)

S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg. No
1.	Azhagu Raj R., Saravanakarthick. P., Palavesam A., Prakasam A. and Balachandar M. Effect of Solar Radiation on Freshwater Fish <i>Puntius bimaculatus</i> (Bleeker) (Cypriniformes: Cyprinidae)	<i>International Journal of Zoological Investigations</i>	2022, Vol. 8, No. 2, 218-222 Web of Science indexed https://doi.org/10.33745/ijzi.2022.v08i02.028
2.	A. Nallathambi A. Prakasam R. Azhagu Raj P.M. Anbarasan C. Ragupathi. Effects on size, optical and antibacterial activity of pristine and Cr-doped NiO prepared by the microwave-assisted method.	<i>Materials Today: Proceedings</i>	2022.Vol 49(7); 2867-2871. IF.1.46
3.	A. Prakasam, P.M. Anbarasan, R. Azhagu Raj , C. Ragupathi Rajneesh Kumar. Morphologies, crystal structure and antibacterial properties of chromium substituted zinc oxide nanoparticles synthesized by microwave method	<i>Materials Today: Proceedings</i>	2022.Vol 49 (7); 2928-2933. IF.1.46
4.	Jude D., Karthick M., Ram Kumar R., Sathyananth M., Stephenraj D. and Azhagu Raj . Avifaunal Diversity of Swamythooppu Salt Pan, Kanyakumari, Tamil Nadu, India.	<i>International Journal of Zoological Investigations</i>	2022. Vol. 8, No. 1, 138- 151. Web of Science indexed https://doi.org/10.33745/ijzi.2022.v08i01.018
5.	Karthick M., Samuel B., Devi M. Nanthini, Anitha R., Rani P. Naga, Ram Kumar R. and Azhagu Raj R. Diversity of ants (Hymenoptera: Formicidae) at St. Xavier's College Campus, Palayamkottai, Tamil Nadu, India.	<i>International Journal of Zoological Investigations.</i>	2022. Vol. 8, No. 1, 98- 106. Web of Science indexed https://doi.org/10.33745/ijzi.2022.v08i01.013
6.	Azhagu Raj R. Maruthirajan A Sathish R, Muthukumar S, Stephenraj D. A preliminary checklist of entomofauna in pachaiyappa's college campus, Kanchipuram, Tamil Nadu, India	<i>International Journal of Entomology Research</i>	2021, Vol 6 (4)11-14. Web of Science indexed

7.	Azhagu Raj R. , CijomolP ,MaruthirajanStephenrajMuthukum ar S. Spider diversity in mulberry cultivation in Kanchipuram district, Tamil Nadu, India.	<i>International Journal of Entomology Research</i>	2021, Vol 6 (4); 6-10. Web of Science indexed
8.	Nallathambi A, Azhagu Raj, R and Prakasam A.Structural, photoluminescence, and magnetic properties of Chromium (Cr) doped Manganese oxide (Mn ₃ O ₄) hexagonal particles	<i>Physica E</i>	2020.116, 1-7. IF. 3.17
9.	Nallathambi A. Prakasam A. and R.AzhaguRaj. Microwave-assisted combustion synthesis of Fe ₃ O ₄ undoped Cr doped nanoparticles morphological, structural, optical, and magnetic behavior.	<i>Journal of Super Conductivity and Novel Magnetism.</i>	2020. 33: 2443-2450. IF.1.5
10.	Balachandar M, Raja M, Azhagu Raj R. <i>In-Silico</i> analysis of intra: Specific variation of wasp's venom protein phospholipase A1	<i>International Journal of Entomology Research</i>	2020, Vol 5(6); 48-53 Web of Science indexed
11.	Balachandar M, Raja M, Azhagu Raj R. Homology modeling and insilco analysis of venom protein hyaluronidase in <i>Vespa velutina</i> (Hymenoptera: Vespidae).	<i>International Journal of EntomologyResearch</i>	2020, Vol 5 (6) 40-44 Web of Science indexed
12.	Nallathambi. A., A. Prakasam, and R. Azhagu Raj. Effects of Cr Doping on Structural, Morphological, Optical, Humidity Sensing and Catalytic Properties of Magnetic Co ₃ O ₄ .	<i>SENSOR LETTERS.</i>	2019. Vol. 17, (5)1–6, https://doi.org/10.1166/sl.2019.4112 . IF. 0.31
13.	Saranya.R., Azhagu Raj R. , M. S. AlSalhi., S. Devanesan. Dependence of catalytic activity of nanocrystalline nickel ferrite on its structural, morphological, optical, and magnetic properties in aerobic oxidation of benzyl alcohol	<i>Journal of Superconductivity and Novel Magnetism</i>	2018. 31(4), 1219-1225.IF- 1.2
14.	R. Azhagu Raj , Mohamad. S. AlSalhi, S. Devanesan. Microwave-assisted synthesis of	<i>Materials</i>	2017, 10 (460) 1-12.IF- 2.728

	nickel oxide nanoparticles using <i>Coriandrumsativum</i> .L leaf extract and their structural-magnetic catalytic properties		
15.	Saranya.R., Azhagu Raj R. , M. S. AlSalhi., S. Devanesan. Dependence of Catalytic Activity of Nanocrystalline Nickel Ferrite on Its Structural, Morphological, Optical, and Magnetic Properties in Aerobic Oxidation of Benzyl Alcohol	<i>Journal of Superconductivity and Novel Magnetism</i>	2017. Vol.31(4); 1219-1225. IF- 1.2.
16.	Raja G. S.Gopinath, R. AzhaguRaj , ArunK.Shukla, MansourS.Alhoshan, K. Sivakumar. Comparative investigation of CuFe ₂ O ₄ nano and microstructures for structural, morphological, optical and magnetic properties	<i>Physica E</i>	2016. Vol 83,69–73. IF-2.1.
17.	Mohammed Baith, AzhaguRaj.R and Raghupathi.Structural, magnetic, optical and catalytic properties of Fe ₃ O ₄ nanoparticles of Sol Gel method	<i>Journal of Superconductivity and Novel Magnetism.</i>	2016. 29 (8), 2053-2058. IF-1.2.
18.	Ragupathi,C. R. Azhagu Raj , G. Ramalingam, K. Arun Kumar, and N. Mohamed Basith. Preparation and Physicochemical Characterization of Ag NanorodsPhytosynthesis by the <i>Petroselinum crispum</i> PlantExtract.	<i>Advanced Science, Engineering and Medicine</i>	2016, Vol. 8, 11, 862-867.
19.	Narayanan.S, Judith Vijaya., S. Sivasanker, L. John Kennedy.,P. Kathirgamanathan and R.Azhagu Raj . Synthesis of hierarchical ZSM-5 hexagonal cubes and their catalytic activity in the solvent-free selective oxidation of toluene.	<i>Journal of Porous Materials</i>	2015.22(4), 907-918. IF-1.5
20.	Azhaguraj. R. Arockia Lenin, E Viswanathan, C. Sangeetha, B. and Selvanayagam, M. Predication of	<i>Pharmacology online</i>	2010. Vol 3: 22-34. IF-0.5. Scopus/Web of

Biological Activity of Brown Algal Antitumor Drugs Using PASS.		Science indexed
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PUBLICATIONS: UGC LISTED JOURNALS (21)			
S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor & Pg. No
1.	Azhagu Raj Ramakrishnan, Krishna Kumar, PalavesamArunachalam, MuthupandiSankar, PrathapSelvaraj and SohanJheeta. Deleterious Effect of Ultraviolet Radiation on <i>Glossogobiusgiuris</i> :A Short Experimental Study.	<i>Sci</i>	2022, 4 (1); 12. https://doi.org/10.3390/sci4010012
2.	Nallathambi. A., A. Prakasam, and R. Azhagu Raj. Effects of Cr Doping on Structural, Morphological, Optical, Humidity Sensing and Catalytic Properties of Magnetic Co ₃ O ₄ .	<i>SENSOR LETTERS</i>	2019, Vol. 17, (5)1–6, 2019. https://doi.org/10.1166/sl.2019.4112 .
3.	KarthickMurugan, Muthu Krishnan S, Ramkumar R, and AzhaguRaj.R. Phytochemical Screening and Antioxidant Activities of <i>Guazumaulmifolia</i> Lam, (Malvales; Sterculiaceae).	<i>Journal of Emerging Technologies and Innovative Research.</i>	2019, 6(3)101-104
4.	R. Azhagu Raj, Ambrose RajkumarMariadass, D. Krishnamoorthy, A. Prakasam, PremAnandDevarajan.Photoluminescence, Photoconductivity, Thermal, Microhardness and Dielectric Properties of Silver Nitrate Doped Potassium Zinc Phosphate Hexahydrate Single Crystal	<i>International Journal of Scientific Research in Science, Engineering, and Technology</i>	2018. Volume 4 (4)171-177
5.	R. Azhaguraj, Ambrose RajkumarMariadass M. Sumathi, A.	<i>International Journal of</i>	2018. Volume 4: (1) 1391-1395.

	Prakasam and PremAnandDevarajan. Investigation on the Growth and Characterization of Silver Nitrate Doped Zinc Pottasium Phosphate Hexahydrate NLO Single Crystal	<i>Scientific Research in Science, Engineering and Technology</i>	
6.	Karthick.M., P. Maheshkumar, D.Krishnamoorthy., A. Prakasham ., M. Balachandar and R.Azhagu Raj . Optimization of culture conditions for enhanced antibacterial activity by a fish gut bacterium <i>Bacillus</i> sp. Bsa1	<i>International Journal of Scientific Research in Science, Engineering, and Technology.</i>	2018. Volume 3, (8) 86-91.
7.	Karthick M., S. Muthumariammal., D.Krishnamoorthy., A. Prakasham, M. Balachandar and R. Azhagu Raj . Evaluation of antibacterial potential and phytochemical analysis of various organic extracts of green seaweed <i>Ulvalactuca</i> .	<i>Journal of Emerging Technologies and Innovative Research</i>	2018. Volume 5, (8) 632-640.
8.	Azhagu Raj, R , M.C. John Milton A. Prakasham., M.Sumathi and M. Balachandar. Amphipods assemblage with the green alga <i>Chaetomorphaaerea</i> (Chlorophyceae) In Pulicat Estuary, Tamilnadu, India.	<i>International Journal of Creative Research Thoughts.</i>	2018. Volume 6, (1) 502-506
9.	Azhagu Raj R. , M. Gomathi., A. Prakasham., Krishna Priya.,V. Narayanayyar, P. Maheshand S.Sivasubramanian. Preliminary phytochemical analysis and biological activity of <i>HyptisSuaveolens</i> (L.) (Lamiaceae).	<i>The Pharma Innovation Journal</i>	2017, 6(9) 1-11
10.	Majesh Tomson T.V. Sajeve and R. Azhagu Raj . Compatibility of <i>Beauveria bassiana</i> strainson the	<i>Journal of Research in biology</i>	2016. 6(5): 2068-2077

	biosynthesis of silver nanoparticles.		
11.	Azhagu Raj R. , Sumathi S. R, Siva Subramanian.S., Lenin E.A., Ragupathi C, Prakash. A. Prediction of Activity Spectra for Analgesics Drugs.	<i>Journal of Biotechnology and Biosafety</i>	2016. Vol 4(2). 159-177.
12.	Azhagu Raj R. , GanaSundari G., Mala K., and A. Prakash. Preliminary physico-chemical properties of marine macroalga <i>Sargassum tenerrimum</i> (J. Agardh) (Fucales, Sargassaceae).	<i>International Research Journal of Chemistry.</i>	2015. 11. 27- 43
13.	Azhagu Raj R. , Mala K., and A. Prakash. Phytochemical analysis of marine macroalga <i>Caulerparacemos</i> (J. Agardh) (Chlorophyta - Caulerpales) from Tirunelveli District, Tamilnadu, India	<i>Journal of Global Biosciences</i>	2015. 4(8) 3055-3087
14.	Viswanathan C., R. Azhaguraj , M. Selvanayagam and S.M. Raffi. Heavy metal levels in different tissues of the Blue Swimming crab (<i>Portunuspelagicus</i> , Portunidae) collected from Ennore Estuary.	<i>International Journal of Research in Fisheries and Aquaculture</i>	2013. 3(1): 1-6.
15.	R. Azhaguraj , M.C. John Milton, J. Ganesh, G. Justin Zenith kumar, M.Ramakrishnan and Stalin antony. Predication of Biological Activity Spectra for Secondary Metabolites from Marine Macroalgae <i>Caulerpa</i> Spp (Chlorophyta - Caulerpals).	<i>International Research Journal of Pharmacy</i>	2012. 3 (5) 320-323.
16.	Rajkumar, J. S. I, John Milton, M. C, Uthiralingam, M, Azhaguraj R , Ganesh, J and Ambrose, T. Toxic Effects and Bioaccumulation of Cadmium, Copper, Lead and Zinc in Post Larval Stages of <i>Penaeus Monodon</i>	<i>International Journal of Development Research.</i>	2011. 1 (2):001-005.

17.	Mary Josephine Rani A, John Milton M.C, Uthiralingam M and Azhaguraj R. Quantitative Variation of Protein in the tissues of a fresh water fish <i>Clariasbatrachus</i> exposed to Mercury and Chromium.	<i>International Journal of Current Research.</i>	2011. 33 (3):230-236.
18.	Mary Josephine Rani, John Milton MC, Uthiralingam M and Azhaguraj R. Acute Toxicity of Mercury and Chromium to <i>Clariasbatrachus</i> (Linn).	<i>Bioresearch Bulletin,</i>	2011. 5: 368-372.
19.	Mary Josephine Rani A, John Milton MC, Uthiralingam M and Azhaguraj R. Bioaccumulation of Mercury and Chromium in a Freshwater Fish <i>Clariasbatrachus</i>	<i>International Journal of Current Research and Review.</i>	2011. 3(5): 64-72.
20.	Azhaguraj, R. Viswanathan, C. Sangeetha, B. and Selvanayagam, M. ABD: Advanced Biotechnological Directory for Protein Sequence and Structure Analysis.	<i>International Journal of Biological Technology</i>	2010. 1(2):60-63.
21.	Azhaguraj, R and Selvanayagam, M. Homology modelling and <i>In-silco</i> analysis of COX from <i>Channapunctata</i> .	<i>Bioresearch Bulletin</i>	2010. 2:46-50.

PUBLICATIONS: OTHER INDEXED JOURNALS (11)

S. No	Title of the Paper	Name of the Journal	ISSN No., Volume, Issue, Impact factor &Pg.No
1.	M. Karthick, J. Sijon Antony, P. Kala, K. Vamithra, C. Mariselvan, R. Azhagu Raj. Phytal Faunal Diversity In Erayanmanthurai Coast, Kanyakumari District, Tamil Nadu, India.	<i>ScientiaActaXaverina</i>	2022. 12(1) 19-30. NASS 3.0
2.	Baskaran A, Stephenraj D, Balachandar M, Narayanan M and Azhagu Raj R.	<i>International Journal of</i>	2022.Vol 7 (1); 33-39.

	Respiratory response of <i>Cirrhinusmrigala</i> (Hamilton,1822) fingerlings exposed to sub-lethal concentration of Fenvalerate.	<i>Zoology and Applied Biosciences</i>	
3.	Karthick M., R. Saravanakumari, A. SelvaSuvitha, T. Parvathi Kalyani and R. AzhaguRaj . Diversity of Molluscs in Thiruchendur Coast, Tuticorin District, Tamil Nadu, India.	<i>ScienciaActaXaveriana</i>	2020. 11 (1)13-18. NASS 3.0
4.	Balachandar M., M. Karthick, M. Raja, and R. Azhagu Raj . Diversity of Hymenoptera Families in Sankarankovil Taluk, Tenkasi District, Tamil Nadu, India.	<i>ScienciaActaXaveriana</i>	2020. 11 (1) 01-05. NASS 3.0
5.	Karthick M., M. Balachandar, M. Raja, and R. Azhagu Raj . Diversity of Ants (Hymenoptera: Formicidae) In Radhapuram Taluk, Tirunelveli District, Tamil Nadu.	<i>ScienciaActaXaveriana</i>	2019. 10 (2) 01-06. NASS 3.0
6.	Karthick M, M. Balachandar, M. Raja and R. Azhagu Raj . Antibacterial activity of red Alga <i>Amphiroa anceps</i> (Rhodophyceae: Lithophyllaceae) against selected human pathogens.	<i>ScienciaActaXaveriana</i>	2019. 10 (2) 15-19. NASS 3.0
7.	Azhaguraj R , J.Ganesh and M.C. John Milton. Phytalfauna associates with the macroalga <i>Hypneamusiformis</i> (Wulfen) Lamour, (Rhodophyceae; Hypneaceae) in Pulicat Estuary, Tamil Nadu, India.	<i>ScienciaActaXaveriana</i>	2019. 10 (1) 01-05. NASS 3.0
8.	R. Azhagu Raj , M. C. John Milton, A. Prakasam, M. Sumathi and S. Devanesan. In Silico Molecular Docking of Bioactive Compound Pregnan-20-One,5,6-Epoxy-3,17,Dihydroxy-16 Methyl-[3A,5A,6A,16A] With Brain Cancer Protein (1QH4) : A Promising Molecular Target	<i>ScienciaActaXaveriana</i>	2018. Vol. 9 (1) 51-55. NASS 3.0

9.	R.Azhagu Raj and M.C. John Milton. Ichthyofaunal Assemblage in Macroalga <i>Chaetomorpha aerea</i> (Dillwyn) Kutzing, (Chlorophyceae) in Pulicat Estuary, Tamilnadu, India.	<i>ScientiaActaXaveriana</i>	2018. Vol. 9 (1) 45-50. NASS 3.0
10.	R. Azhagu Raj M. Sumathi, A. Prakasam, Zhou Ming-Bing and M. Ramakrishnan. Docking analysis of ligand 3-[1-Hydroxy-[Methylethyl] Benzonitrile on Human Gastric Cancer Protein (HGCP) IBJ7	<i>ScientiaActaXaveriana</i>	2018. 9 (2) 01-05. NASS 3.0
11.	R. Azhagu Raj , R. Sathish, A. Prakasam, M. Sumathi, M. Balachandar and Maheshkumar. Gas Chromatography Mass Spectrometry Analysis of cuticular hydrocarbons in the ant <i>Tetraponerarufonigra</i> (Jerdon) (Hymenoptera: Formicidae).	<i>ScientiaActaXaveriana</i>	2017. 8 (2) 1-10 NASS 3.0
12.			

AS A RESOURCE PERSON			
S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1.	Academic Audit	IQAC St. Joseph College	St. Joseph College, Cuddalore 17/03/2021
2.	Creation of Scientific Awareness Programme	TNSCST	St. Xavier's College 30/11/2017
3.	Current Political Environment and Youth Participation	AICUF, St. Xavier's College	St. Xavier's College 01/03/2018
4.	National Conference on Materials Science (NCMS 2020)	Dept. of Physics, Loyola College	, Loyola College 09/01/2020
5	Biodiversity and Environmental Issues	M. S. University, Tirunelveli on 21 August 2015.	Department of Computer Science & Engineering, M. S. University, Tirunelveli on 21 August 2015.

WEBMINARS/SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP
PAPER PRESENTED: National (22) International (15)

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1.	Meldes AAS, Azhagu Raj R. Noxious effects of herbal syrup [nivaran90] on ornamental fish common molly <i>Poeciliasphenops</i> .International conference on Recent Trends in Aquaculture (ICTRA)	St. Xavier's College Palayamkottai,	St. Xavier's College Palayamkottai, on 25 th March 2022.
2.	Arikaran M, Azhagu Raj R. A short experimental study of detergents on common molly <i>Poeciliasphenops</i> . International conference on Recent Trends in Aquaculture (ICTRA)	St. Xavier's College Palayamkottai,	St. Xavier's College Palayamkottai, on 25 th March 2022.
3.	Arunkumar S, Azhagu Raj R. .A short experimental study on impact of hair dye in ornamental fish. International conference on Recent Trends in Aquaculture (ICTRA)	St. Xavier's College Palayamkottai,	St. Xavier's College Palayamkottai, on 25 th March 2022.
4.	Hemalatha E, Azhagu Raj R. Adverse results of coconut oil [VVD] studied on ornamental fish common molly <i>Poeciliasphenops</i> . International conference on Recent Trends in Aquaculture (ICTRA)	St. Xavier's College Palayamkottai,	St. Xavier's College Palayamkottai, on 25 th March 2022.
5.	Jeyamurugan E, Azhagu Raj R.. Effect of body soap on oxygen consumption in ornamental fish <i>Poeciliasphenops</i> . International conference on Recent Trends in Aquaculture (ICTRA)	St. Xavier's College Palayamkottai,	St. Xavier's College Palayamkottai, on 25 th March 2022.
6.	Naveenkumar V, Azhagu Raj R. Deleterious effect of fabric softeners [comfort] on <i>Poeciliasphenops</i> . International conference on Recent Trends in Aquaculture (ICTRA)	St. Xavier's College Palayamkottai,	St. Xavier's College Palayamkottai, on 25 th March 2022.
7.	Sudhakani B, Azhagu Raj R. Studies on the effect of shampoo on oxygen consumption in ornamental fish <i>Poeciliasphenops</i> . International conference on Recent Trends in Aquaculture (ICTRA)	St. Xavier's College Palayamkottai,	St. Xavier's College Palayamkottai, on 25 th March 2022.
8.	Samuel B, Azhagu Raj R .Studies on growth and management of Indian major carps in	St. Xavier's College Palayamkottai,	St. Xavier's College Palayamkottai, on 25 th

	PeriyakulamThoothukudi district. International conference on Recent Trends in Aquaculture (ICTRA)		March 2022.
9.	Karthick. M., and Azhagu Raj. R. Diversity and distribution of Molluscs in Tiruchendur coast Tamil Nadu, India International Conference “Vectors: Menace and Management” (VECMAN 2020)	St. Xavier’s College Palayamkottai	St. Xavier’s College Palayamkottai, during 28 th & 29 th January 2020.
10.	Karthick. M, Saravanakumari. R,SelvaSuvitha. A, Parvathi Kalyani.T, Azhagu Raj. R. Seaweed associated phytal faunal diversity in Tiruchendur coast, Tuticorin district, Tamilnadu, India.	St. Xavier’s College Palayamkottai	St. Xavier’s College Palayamkottai, during 28 th & 29 th January 2020.
11.	Balachandar. M, Azhagu Raj. R. ,and Raja. M. Studies on histomorphology of the Dufour glands in <i>Vespa tropica</i> haematodesBequaert (Hymenoptera:Vespidae) from Villupuram District of Tamilnadu, India.	St. Xavier’s College Palayamkottai	St. Xavier’s College Palayamkottai, during 28 th & 29 th January 2020.
12.	Azhagu Raj, R. , Karthick, M., A. Prakasam and M.C. John Milton. Prediction of activity Spectra for the compound of Pregnan-20-one,5,6-epoxy-3,17, dihydroxy-16 methyl-[3a,5a,6a,16a]. National Conference on Material Science	UGC & Loyola College, Chennai	Loyola College, Chennai, on 09/01/2020.
13.	Azhagu Raj.R. “Biosynthesis of Silver nanoparticles and its applications” . National Conference on Material Science	UGC &Loyola College, Chennai	Loyola College, Chennai, on 09/01/2020.
14.	Balachandar M., Karthick. M., M. Raja and R. Azhagu Raj. Green synthesis of silver nanoparticles using leaf extract of <i>Hibiscus micranthus</i> . National Conference on Material Science	UGC &Loyola College, Chennai.	Loyola College, Chennai, on 09/01/2020.
15.	Karthick. M., M. Balachandar, M. Raja, A. Prakasam and R.Azhagu Raj. Growth and Characterization of L-Histidine doped Zinc Pottassium Phosphate (LHZPP) Single Crystals. National Conference on Material Science	UGC &Loyola College, Chennai.	Loyola College, Chennai, on 09/01/2020.
16.	Balachandar. M, Karthick. M, Raja. M and Azhagu Raj. R. Studies on histomorphology of the Dufour glands in <i>Vespa affinis</i> continenatalisBequaert (Hymenoptera: Vespidae) from Nagapattinam District of Tamilnadu, India. International conference Partnership and Ownership Building for	Guru Nanak College, Chennai	Guru Nanak College, Chennai on 05/12/2019 & 06/12/2019.

	Sustainable Development (OISCAGYF- 2019		
17.	Karthick. M, Balachandar. M, Azhagu Raj. R. Species associations and populations densities of marine phytal fauna of <i>Dictyota maxima</i> Zanardini from Punnaikayal, Tuticorin, Tamilnadu, India. International conference Partnership and Ownership Building for Sustainable Development (OISCAGYF- 2019).	Guru Nanak College, Chennai	Guru Nanak College, Chennai on 05/12/2019 & 06/12/2019.
18.	AzhaguRaj,R. and Krishnakumar.2018. Effect of UV-A and UV-B radiation on biochemical and histopathological changes in <i>Glossogobiusgiuris</i> . <i>Zoocongress-2018</i>	St. Xavier's College, Palayamkottai, Tamilnadu ,India	St. Xavier's College, Palayamkottai, Tamilnadu ,India
19.	AzhaguRaj,R.,P. Saravanakarthish, R.Arivazhagan' A. Prakasam.,M. Sumathi, S. Padmanathan and M.Balachandar. Effect of solar radiation on biochemical and histopathological changes in <i>Puntius bimaculatus</i> (Bleeker) (cypriniformes: cyprinidae). National Symposium On Advances In Cancer Research -2018	Department of Microbiology ,Karpagam Academy of Higher Education, (Deemed to be University)Coimbatore, Tamil Nadu.	Department of Microbiology ,Karpagam Academy of Higher Education, (Deemed to be University)Coimbatore, Tamil Nadu.
20.	AzhaguRaj,R. ., M.SumathiS.Padmanathan,D.Krishnamoorthyand Prakasam.A <i>In silico</i> docking and interaction analysis of bioactive marine macroalgal compound Pregnane ,3,11,20-triol,[3a,11a,20a] against the human lung cancer protein 2ITO. National Symposium On Advances In Cancer Research -2018	Department of Microbiology ,Karpagam Academy of Higher Education, (Deemed to be University)Coimbatore, Tamil Nadu.	Department of Microbiology ,Karpagam Academy of Higher Education, (Deemed to be University)Coimbatore, Tamil Nadu.
21.	AzhaguRaj,R., D.Krishnamoorthy., A. Prakasam.,M.Sumathi andA.Nallathambi. <i>In-silico</i> molecular docking of bioactive compound Pregnan-20-one,5,6-epoxy-3,17,dihydroxy-16 methyl-[3a,5a,6a,16a] with brain cancer protein(1QH4) : a promising molecular target. National Symposium On Advances In Cancer Research -2018	Department of Microbiology, Karpagam Academy of Higher Education, (Deemed to be University)Coimbatore, Tamil Nadu.	Department of Microbiology ,Karpagam Academy of Higher Education, (Deemed to be University)Coimbatore, Tamil Nadu.
22.	AzhaguRaj,R., M.Gomathi ., M.Indhumathi	Department of	Department of

	,M.Sumathi and A. Prakasam· Docking studies of Stearic acid Chloride on Human Skin Cancer Protein (HSCP) 2VCJ. National Symposium On Advances In Cancer Research -2018	Microbiology, Karpagam Academy of Higher Education, (Deemed to be University Coimbatore, Tamil Nadu.	Microbiology ,Karpagam Academy of Higher Education, (Deemed to be University)Coimbatore, Tamil Nadu.
23.	AzhaguRaj,R., M.Indhumathi.,D.Krishnamoorthy” .Gomathi ,M.Sumathi and A. Prakasam · Docking analysis of Breast Cancer Protein (BCP) IJNX with bioactive ligand Benzoic acid,2,4,6-trimethyl-. National Symposium On Advances In Cancer Research -2018	Department of Microbiology, Karpagam Academy of Higher Education, (Deemed to be University)Coimbatore, Tamil Nadu.	Department of Microbiology ,Karpagam Academy of Higher Education, (Deemed to be University)Coimbatore, Tamil Nadu.
24.	AzhaguRaj,R., T.Saravanakumaran, D.Krishnamoorthy,M.Sumathi,and A. Prakasam· Docking analysis of ligand 3-[1-Hydroxy-[methylethyl] benzonitrile on Human Gastric Cancer Protein (HGCP) IBJ7. National Symposium On Advances In Cancer Research -2018	Department of Microbiology, Karpagam Academy of Higher Education, (Deemed to be University) Coimbatore, Tamil Nadu.	Department of Microbiology ,Karpagam Academy of Higher Education, (Deemed to be University) Coimbatore, Tamil Nadu.
25.	Azhagu Raj R., J.Ganesh., M.C. John Milton and Palavesam. A. 2016. Phytal fauna associated with the marine macro alga <i>Chaetomorphaaerea</i> (dillwyn) kutzing, (Chlorophyceae) in Pulicat Estuary, Tamilnadu National Seminar on “Marine Resources	M.D.T.Hindu College, Tirunelveli	M.D.T.Hindu College, Tirunelveli on 03/03/2016 to 4/3/2016.
26.	R. Azhaguraj and M.C. John Milton,.,Studies on trace metal contents in sediment, water and macro alga <i>Chaetomorphaaerea</i> (Dillwyn) Kutzing, in Pulicat Estuary, Tamilnadu, India. National conference on Bioscience for 21 st century(NCBSC)	Department of Zoology, Auxilium College, Katpadi, Vellore	Department of Zoology, Auxilium College, Katpadi, Vellore 632006 on 05/2/2015 to 06/02/2015
27.	R. Azhaguraj and M.C. John Milton. A Comparative Phytochemical Analysis of macroalga <i>Chaetomorphaaerea</i> (Dillwyn) Kutzing, from Pulicat Estuary, Tamilnadu, India.	Department of Zoology, Auxilium College, Katpadi, Vellore	Department of Zoology, Auxilium College, Katpadi, Vellore 632006 on

	. National conference on Bioscience for 21 st century(NCBSC)		05/2/2015 to 06/02/2015
28.	R. Azhaguraj , K. Loganathan., J.Ganesh, and M.C. John Milton.Occurrence of Ectoparasitic mite <i>Hemipteroseiusindicus</i> (Acari: Otopheidomenidae) on the cotton stainer <i>Dysdercuscingulatus</i> (Hemiptera :Pyrrhocoridae) in Tamilnadu. National Conference on Zoology for Future Education and Research	Queen Mary's College (Autonomous),Chennai	Queen Mary's College (Autonomous),Chennai from 23 to 24 January 2014.
29.	R. Azhaguraj ,J.Ganesh and M.C. John Milton, Ecological interactions between Red Seaweed <i>Hypneamusiformis</i> (Wulfen) Lamour, (Rhodophyceae – Hypneaceae) and its phytal fauna in Pulicat lake.National Seminar on Cyclonic changes and its impact on Marine Biodiversity	VHNSN College, Virudhunagar	VHNSN College, Virudhunagar from 09 &10 February 2012
30.	R. Azhaguraj ,J.Ganesh and M.C. John Milton, Diversity and Distribution of Epifauna associated with the alga <i>Hypneamusiformis</i> (Wulfen) Lamour, (Rhodophyceae – Hypneaceae) in Pulicat Estuary. Recent Advances in Algal Biotechnology (NCRAAB – 2012)	University of Madras, Chennai.	Centre for Advanced Studies, University of Madras, Chennai from 16 to 17 February 2012
31.			

SEMINARS/ CONFERENCES / SYMPOSIA / WORKSHOP/ ATTENDED: (57)

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1.	Awareness Programme on Intellectual Property Rights (IPR) under National Intellectual Property Awareness Mission (NIPAM)	St. Xavier's College Palayamkottai	St. Xavier's College (Autonomous) Palayamkottai 28/10/2022
2.	24 th Triennial Conference of Xavier Board of Higher Education in India	Xavier Board of Higher Education in India	St.JosephVaz Spiritual Renewal Centre 22-10-2022 to 24-10-2022
3.	A Two day National Conference on NEP Readiness: Scope and Challenges for Transforming Higher Education	CESS,NAAC, Karnataka State Higher Education Council,Bengaluru	Ramaiah Institute of Management, Bengaluru 29-09-2022 & 30-09-2022

4.	SXC- Centenary Faculty Empowerment Programme (FEP-02)	St. Xavier's College	St. Xavier's College (Autonomous) Palayamkottai 24/09/2022
5.	A one day workshop on Assessing Outcome based on revised bloom's Taxonomy	M.S.University Tirunelveli	Dept. of Education, M.S.University Tirunelveli 30/08/2022
6.	SXC- Centenary Faculty Empowerment Programme (FEP)	St. Xavier's College	St. Xavier's College (Autonomous) Palayamkottai 23/07/2022
7.	4 th Editon of Eco Summit	CII, Thoothukudi	Francis Xavier Engineering College, Tirunelveli 11/08/2022
8.	National Academic Collaboration Meet	Xavier Board of higher Education, St. Albert's College	St. Albert's College (Autonomous) Ernakulam, Kerala & 14-15 May 2022
9.	Transforming Quality of Teaching by Adopting and Innovating ICT Tools & Techniques - A Key Focus Area of NEP 2020	IQAC, Sri Ramakrishna College of Arts & Science	Sri Ramakrishna College of Arts & Science, Coimbatore & 21- 22 April 2022
10.	Online Seminar on Importance of Academic and Administrative audits to Improve the quality of HEIs	IQAC, Madras Christian College	Madras Christian College, Chennai & 29/04/2022
11.	Workshop on E-Content Creation	St. Xavier's College	St. Xavier's College, Palayamkottai on 22 nd -23 June & 04 August 2021.
12.	Workshop on Blended Mode of Teaching and Learning	St. Xavier's College	St. Xavier's College, Palayamkottai on 3 rd & 6 th -7 th August 2021
13.	Workshop on Public Finance Management System (PFMS)	St. Xavier's College	St. Xavier's College, Palayamkottai on 04-02-2021 to 05-02-2021.
14.	Short term Course - Management of Environment and its Resources	St. Xavier's College	St. Xavier's College, Palayamkottai From 28-04-2020 to 11-05-2020
15.	Training programme on "Quality Measures in Higher Education Institutions	St. Joseph College	IQAC, St. Joseph College (Autonomous), Trichy, Tamilnadu, India held on 23/07/2019
16.	Capacity building program on "ICT Enabled effective Institutional	M.S.University	IQAC, M.S.University Tirunelveli and Mastersoft

	Governance for Improving process be compliance-ready and adapt Digital Transformation		ERP Solutions Pvt. Ltd. 24 th June 2019
17.	Seminar on Assessment and Accompaniment of Students	UGC, St. Xavier's College	St. Xavier's College (Autonomous) Palayamkottai, & 30 March, 2019
18.	State level intercollegiate Student's Seminar on Microbes and their Environment	Thiagarajar College	Thiagarajar College, (Autonomous), Madurai & 19-02-2019.
19.	Workshop on SPSS	St. Xavier's College	St. Xavier's College, Palayamkottai & 08 th & 09 th January, 2018
20.	State level seminar on "Oral History	FRRC, St.Xavier's College	St.Xavier's College, Palayamkottai & 14 Mar 2018
21.	Induction programme	Higher Education Commission	Jesuit Madurai Province at Arul Anandar College, Karumathur Madurai, From 12.06.2017 to 14.06 2017.
22.	National workshop on "IPR and Patent Rights	Manonmaniam Sundaranar University	Department of Animal Science M.S. University, Tirunelveli, held on 23 & 24 March 2017.
23.	National conference on "The pivot of Biotechnology to revitalize the unrevealed PBR-17	M.S.University,	M.S.University, Tirunelveli & 17 February 2017.
24.	National Seminar on "Marine Resources	M.D.T Hindu College	M.D.T Hindu College, Tirunelveli & 03- 04 March 2016
25.	National workshop on "Next Generation Sequencing Data Analysis	Manonmaniam Sundaranar University	Department of Biotechnology, M.S. University, Tirunelveli, held on 28 & 29 January 2016
26.	National conference on Bioscience for 21 st century (NCBSC)	Auxilium College	Auxilium College, Katpadi, Vellore & 05/2/2015 to 06/02/2015
27.	National Workshop on "Molecular Dynamics Simulations, Cheminformatics and Drug Designing	Loyola College	School of Biodiversity and Environmental Monitoring, PG & Research Department of Advanced Zoology and Biotechnology, Loyola

			College (Autonomous), Chennai & 8 th to 12 th January, 2013
28.	National Conference on Conservation and Management Of Faunal Resources For Sustainability (CMFRS 2012)	Guru Nanak College	Guru Nanak College, Chennai & 5/10/ 2012
29.	Workshop on Preparation, Characterization of Crystalline Materials and their Applications (WPCCMA – 2012)	Defence Research Development Organization (DRDO) and Council of Scientific Research (CSIR)	Department of Physics, Anna University, Chennai & 16 th & 17 July, 2012
30.	Workshop on “Live feed and Formulated Feed for Murrels” under the sub project entitled, ‘ A value chain on murrel production in Tamilnadu and Orissa’	Unit of Reproductive Biology and Live Feed Culture (URBLFC)	Department of Zoology, The New College (Autonomous), Chennai on 29 th & 30 th March, 2012
31.	National Seminar on “Current Trends in Biotechnological Strategies for Eco – friendly Crop Protection	Sun Agro Biotech Research Centre (SABRC),	Sun Agro Biotech Research Centre (SABRC), Chennai & 16 & 17 December 2011.
32.	National level Conference on Aquatic Bio-toxins- 2011	CAS,MB, Annamalai University	CASMB, Annamalai University, Parangipettai & 14-16, September 2011
33.	Workshop on “Recent Advances in Proteomics	National Institute of Ocean Technology (NIOT)	National Institute of Ocean Technology (NIOT), Chennai 21 December 2011
34.	workshop on Frontiers in Materials Science	Royal Society of Chemistry (RSC) - South India	Dept of Physics and Chemistry, RKM Vivekananda College, Chennai & 11 th Feb 2011
35.	National level training cum workshop on Recent Trends in Animal Taxonomy and Systematics	Loyola College	School of Biodiversity and Environmental Monitoring, Department of Advanced Zoology and Biotechnology, Loyola College, Chennai & 23 rd to 26 th Feb 2011
36.	short term training course on Methods and Protocols for Practical Biotechnology	Department of Biotechnology (DBT)	School of Biodiversity and Environmental Monitoring, Department of Advanced Zoology and

			Biotechnology, Loyola College, Chennai-34, from March 14 th to 03 rd April 2011
37.	98 th Indian science Congress	SRM University	SRM University, Chennai from 03-07 Jan 2011.
38.	International Conference on Recent Trends in Sensor-Development for the Assessment and Management of the Environment	Loyola College	Loyola College, Chennai & 8-10 January, 2009
39.	State Level Training Program on Bio-inputs in Agriculture	St. Xavier's College	Crop Protection Research Centre, St. Xavier's College, Palayamkottai, 10 th October, 2009
40.	National level Training Cum Workshop on Modern Approaches to Research Methodology, Electronic Research Tools, E-Content and Biotechnological Tools for Biodiversity Conservation	Loyola College	Department of Advanced Zoology and Biotechnology, Loyola College, Chennai, from 10-13 th March 2009
41.	State Level Symposium on Role of Laboratories in Trauma Care and Preemptive Prevention Human Diseases	Loyola College	Loyola College, Chennai & 17-18 December, 2008.
42.	National Seminar on Stem Cell Research-The Present and Future	Woman's Christian College	Woman's Christian College, Chennai & 4 -5 September, 2008.
43.	International Costal Cleanup Day-2008	UNEP-South Asia Co-operative Environment Programme	Loyola College, Chennai & 20 th September 2008
44.	National Seminar on Diversity and Conservation of Montane Ecosystem	Kumara GuraparaSwamy College	Kumara GuraparaSwamy College, Srivaikuntam & 13 - 14, December, 2007.
45.	International Conference on Biopesticide (BIOCICON)	St. Xavier's College	St. Xavier's College, Palayamkottai & 28 to 30 November, 2007
46.	National Seminar on Human Rights and Value Education	Ignatius College of Education	Ignatius College of Education, Palayamkottai & 21-22 September, 2007
47.	National Conference on Bio-secured Aquaculture an Eco-Friendly Approach	Fisheries College and Research Institute	Fisheries College and Research Institute Thoothukudi & 29 to 30

			June, 2007
48.	State level Workshop on "Biodiversity and Conservation Strategies on the Threatened and Endangered Species of Gulf of Mannar Marine Biosphere"	Fisheries College and Research Institute	Dept of Fisheries Biology and Capture Fisheries, Fisheries College and Research Institute, Thoothukudi, from 29-30 March, 2007.
49.	National level training cum workshop on "Advanced Training in Molecular Biology"	Sri Paramakalyani College	Department of Advanced Zoology and Biotechnology, Sri Paramakalyani College, Alwarkuruchi & 30.07.2007 to 01.08.2007
50.	National level training cum workshop on "Bio-safety Regulatory Frame Work: Assessment, Decision, Implication and Public -Private Interface"	Madurai Kamaraj University	Centre for Biodiversity and Forest Studies, School of Energy, Environment & Natural Resources, Madurai Kamaraj University, Madurai- 21, from 26 to 28 September, 2007.
51.	State Level Workshop on "Breeding, Rearing and Marketing of Ornamental Fishes"	VHNSN College	Department of Zoology, VHNSN College, Virudhunagar, from 15 to 16 March, 2007
52.	State Level Seminar on Solid Waste Management (SESOM)	AyyaNadar Janaki Ammal College	AyyaNadar Janaki Ammal College (Autonomous), Sivakasi & 27 - 28 February, 2006
53.	State Level Workshop on "Recent Trends in Environmental Science"	PasumponMuthuramalingaThevar College	Dept of Chemistry, PasumponMuthuramalingaThevar College, Melaneelithanallur, on 19 th October, 2005
54.	State Level Workshop on "Developed India 2020"	PasumponMuthuramalingaThevar College	PasumponMuthuramalingaThevar College, Melaneelithanallur, on 21 st September, 2005
55.	State level seminar on Youth Leadership	M.S. University	NSS, M.S. University, Tirunelveli, & 23 January 2004
56.	State Level Workshop on "Legal aspects of Emergency Care"	Ignatius College of Education	Ignatius College of Education, Palayamkottai,

			19 & 20 August, 2004.
57.	Intercollegiate seminar on Consumer Education and Protection	PasumponMuthuramalingaThevar College	PasumponMuthuramalingaThevar College Melaneelithanallur & 18 September, 2003

SEMINARS/ CONFERENCES / WORKSHOP ORGANISED : (05)

S. No	Name of the Event	Name of the Sponsoring Agency	Place and Date
1	Organizing Secretary Awareness Programme on Intellectual Property Rights (IPR) under National Intellectual Property Awareness Mission (NIPAM) for Research scholars and Faculties	IQAC, St. Xavier's College	St. Xavier's College (Autonomous) Palayamkottai 28/10/2022
2	Organizing Secretary SXC- Centenary Faculty Empowerment Programme (FEP-02)	IQAC, St. Xavier's College	St. Xavier's College (Autonomous) Palayamkottai 24/09/2022
3	Organizing Secretary SXC- Centenary Faculty Empowerment Programme (FEP-01)	IQAC, St. Xavier's College	St. Xavier's College (Autonomous) Palayamkottai 23/07/2022
4	Organizing Secretary Orientation programme for Teachers	IQAC, St. Xavier's College	St. Xavier's College (Autonomous) Palayamkottai 15/07/2022 to 16/07/2022

5	Organizing Secretary International Conference on Recent Trends in Aquaculture (ICRTA-2022)	Dept. of Zoology St. Xavier's College	St. Xavier's College (Autonomous) Palayamkottai 25/03/2022
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GENE SEQUENCES SUBMITTED DETAILS			
S. No	Authors/Title /Gene	Gene Sequence Accession No.	Date
1.	Karthick,M. and AzhaguRaj,R. Barcode of <i>Parhyalesp.</i> MK/Amp:SR 1737-4-8 cytochrome c oxidase subunit I gene, partial	NCBI, GENBANK ACCESSION NO: MN893830	08-JAN- 2020
2.	Balachandar, M., Karthick, M., Raja, M. and Azhagu Raj, R. (2019). Barcode of <i>Vespa affinis</i> from Tamilnadu. cytochrome c oxidase subunit I gene, partial	NCBI, GENBANK ACCESSION NO: MN853754	20-12- 2019
3.	Balachandar, M., Karthick, M., Raja, M. and Azhagu Raj, R. (2020). Barcode of <i>Vespa</i> <i>tropicaematodes</i> from Tamilnadu. cytochrome c oxidase subunit I gene, partial	NCBI, GENBANK ACCESSION NO: MN 893829	02-01- 2020
4.	Balachandar, M., Karthick, M., Raja, M. and Azhagu Raj, R. (2020). Barcode of <i>Polistesolivaceus</i> from Tamilnadu. cytochrome c oxidase subunit I gene, partial	NCBI, GENBANK ACCESSION NO: MT133311.1	09-03- 2020

5.	Balachandar, M., Karthick, M., Raja, M. and Azhagu Raj , R. (2020). Barcode of <i>Polistesolivaceus</i> VPN DHA from Tamilnadu. cytochrome c oxidase subunit I gene, partial	NCBI, GENBANK ACCESSION NO: MT136727.1	09-03-2020
6.	Balachandar, M., Karthick, M., Raja, M. and Azhagu Raj , R. (2020). Barcode of <i>Ropalidiamarginata</i> voucher SR1850 CRM 01 from Tamilnadu. cytochrome c oxidase subunit I gene, partial	NCBI, GENBANK ACCESSION NO: MT178807	11-03-2020

REVIEWER IN INTERNATIONAL JOURNALS

S. No	Name of the Journal	Publishers	ISSN/ E-ISSN
1	Medicinal Chemistry Research	Springer Publications	1554-8120
2	Revista de Biología Tropical	Universidad de Costa Rica	2215-2075
3	Neurology	Wolters Kluwer	1526-632X
4	Indian Journal of Biochemistry and Biophysics	CSIR, India	0301-1208
5	Bio-information	Biomedical Informatics	0973-2063
6	Journal of Veterinary Science and Animal Husbandry	ANNEX PUBLISHERS	2348-9790
7	Journal of Plant Sciences and Crop Protection	ANNEX PUBLISHERS	2639-3336
8	Journal of Horticultural Science and Crop Research (JHSCR)	ANNEX PUBLISHERS	2639-3335
9	Journal of Research in Biology	Redolence Academic Services, India	2231- 6299
10	International Journal of Zoology and Applied Biosciences	Rishan Publications	2455-9571

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

1. **National Cadet Corps (NCC) 'B' and 'C' Certificates (Army Wing) 2003-2006.**
2. Participated in **National Cadet Corps (NCC)-Army Attachment Camp (AAC)** at 1st Battalion The Maratha Light Infantry, Bangalore, Karnataka from 16th June to 30th June 2005.
3. Participated in **National Cadet Corps (NCC)-Combined Annual Training Camp (CATC)** at Raju's College, Rajapalayam, Tamilnadu from 30th August to 10th September 2004.
4. Participated in **National Cadet Corps (NCC)-Combined Annual Training Camp (CATC)** at ArulmighuKalasalingam College of Engineering, Krishnankovil, Tamilnadu from 07 June to 18 June 2004.
5. Participated in **National Cadet Corps Cycle Rally - "World AIDS Day Awareness"- (NCC) 2004-2005.**
6. 2015-16. M.S. University Silver Jubilee celebration (**Won II prize** in 4*100 relay) Organized by Department of Physical Education, M.S. University, Tirunelveli, Tamilnadu.
7. 2015-16. M.S. University Silver Jubilee celebration (**Won III prize** in long jump) Organized by Department of Physical Education, M.S. University, Tirunelveli Tamil nadu..
8. 2007-2008 Academic year **Best outgoing P.G. Student Award**, St. Xavier's College, Palayamkottai Tamil nadu..
9. 2007: District Level Elocution Competition (**Won III Prize**), Organized by **Tamil Nadu Energy Development Agency (Ministry of New and Renewable Energy Govt. of India New Delhi)**, Tirunelveli, Tamilnadu.
10. 2007: Society of St. Vincent de Paul Youth Wing Organized Elocution Competition (**Won III Prize**) at St. Xavier's College, Palayamkottai Tamil nadu.
11. 2006: State Level Elocution **Competition (Won III Prize)**, Organized by AyyaNadar Janaki Ammal College, Sivakasi, Tamil nadu.
12. 2006: Inter Departmental Cultural Competition (**INDECO-2006**) Elocution Competition (**Won III Prize**), at St. Xavier's College, Palayamkottai, Tamilnadu.
13. 2004 -2005: District Level Essay Competition (**Won I Prize**), Organized by **Tamil Development Department, Government of Tamilnadu, Tirunelveli, Tamil nadu.**
14. 2004: University Level Essay Competition (**Won III Prize**), Organized by **Youth Red Cross, M. S University, Tirunelveli, Tamil nadu.**
15. Participated in **State level Essay Competition (2004-2005)** organized by **Tamil Development Department, Government of Tamilnadu, Chennai.**

Date: 05/11/2022

Name: Dr.R.Azhagu Raj