



**Dr. E. KANNAPIRAN**  
**Professor & Director**

### Contact

Address	:	Centre for Distance and Online Education Alagappa University Karaikudi – 630 003 Tamil Nadu, INDIA
EmployeeNumber	:	53402
Contact Phone (Office)	:	+91 4565 223401
Contact e-mail(s)	:	ekannapiran@gmail.com

### Academic Qualifications

Degree	Institution	Year	Branch	Class
Ph.D.	Annamalai University	1998	Marine Biology and Oceanography	By thesis
M. Phil.	Annamalai University	1994	Marine Biology and Oceanography	First
M. Sc.	Annamalai University	1992	Marine Biology and Oceanography	First
B. Sc.	Madurai KamarajUniversity	1990	Zoology	First

### Teaching Experience : 25 Years

Position	Institution	Duration
Lecturer (Adhoc)	Dept. of Oceanography and Coastal Area Studies, Alagappa University	28.12.1998 to 15.08.1999
Lecturer	Dept. of Oceanography and Coastal Area Studies	16.08.1999 to 15.08.2003
Lecturer (Senior Scale)	Dept. of Oceanography and Coastal Area Studies	16.08.2003 to 11.08.2008.
Associate Professor in Zoology	Directorate of Distance Education, Alagappa University	13.08.2008 to 12.08.2014
Professor of Zoology	Directorate of Distance Education, Alagappa University	13.08.2014 onwards.

## Research Experience : 29 Years

Position	Institution / University	Duration
Junior Research fellow	Sponsored by Ministry of Environment and Forest, Government of India	19.05.1994 to 18.05.1996
Senior Research Fellow	Sponsored by Ministry of Environment and Forest, Government of India	19.05.1996 to 18.05.1997
Senior Technical Assistant	Sponsored by Department of Ocean Development	01.05.1998 to 27.12.1998
Senior Technical Assistant	Studies from Saharinati and Harne, Ratnagiri District, Maharashtra, India, sponsored by Water Power Consultancy Engineering Service Ltd., Delhi	1998
Senior Technical Assistant	Studies from Cuddalore coastal waters, Tamil Nadu, India, sponsored by Water Power Consultancy Engineering Service Ltd., Delhi	1998

## Administrative Experience

S.No.	Position	UniversityBodies	Period	
			From	To
1.	Director	Centre for Distance and Online Education, Alagappa University, Karaikudi.	29.12.2023	Onwards
2.	Head <i>i/c</i>	Department of Fisheries Science, Alagappa University, Karaikudi.	01.07.2020	03.01.2024
3.	Controller of Examination <i>FAC</i>	Alagappa University, Karaikudi,	13.05.2020	29.12.2023
4.	Additional Controller of Examination	Alagappa University, Karaikudi	11.02.2020	12.05.2020
5.	Dean <i>i/c</i>	College Development Council, Alagappa University, Karaikudi	04.03.2019	10.02.2020
6.	Director	Curriculum Design and Development Cell, Alagappa University, Karaikudi	25.07.2018	10.02.2020
7.	Member in College Committee	SreeSevugan Annamalai College, Devakottai	09.02.2019	
8.	Member of Project Monitoring Unit	RUSA Phase 2.0	2019	2019
9.	Principal <i>i/c</i>	Alagappa University College of Arts and Science, Paramakudi	13.07.2015	20.07.2015
10.	Co-ordinator	Centre on SwachhBharath and SwasthBharath, Alagappa University, Karaikudi	26.11.2014	30.09.2016
11.	Co-ordinator	Personal Contact Programme for M.Sc., Zoology, Centre for Distance and Online Education, Alagappa University, Karaikudi	28.10.2013	onwards

**Areas of Research :** Marine Biology, Marine Microbiology, Coral Reef and Marine Fouling

## Research Supervision/Guidance

Program of Study		Completed	Ongoing
Research	PDF	2	0
	Ph.D	9	3
	M.Phil	14	0
Project	PG	43	0
	UG/ Others	Nil	Nil

## Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books/Chapters/Monographs/Manuals
51	10	17	1	4/4/7

**Cumulative Impact Factor (as per JCR)** : 80.92

**h-index** : 18

**i10 index** : 29

**Total Citations** : 1,614

## Funded Research Projects

### Ongoing Projects:

S.No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1	RUSA 2.0, Alagappa University, Karaikudi	2022-2023		TBRP- Theme: Translational health research for human, animal and plant systems	10.00

### Completed Projects:

S.No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1	Department of Biotechnology, Ministry of Science and Technology, Government of India.	2007-2009		Evaluation of bacterial diversity associated with the coral <i>Acropora digitifera</i> by 16S rRNA gene sequences and screening for antiviral activity against the aquaculture pathogen blotched snake head virus	34.00
2	Ministry of Environment and Forest, Govt. of India, New Delhi.	2010-2012		Microbial Pathogens of Corals and the Events of Biotic and Abiotic Transformation in the Process of Pathogenesis	46.93
3	RUSA 2.0, Alagappa University, Karaikudi	2019-2020		Theme: Translational health research for human, animal and plant systems	4.5

## Distinctive Achievements / Awards

Distinguished Professor Award for the year of 2019 by DK International Research Foundation, Perambalur.

## Events organized in leading roles

Number of Seminars /Conferences /Workshops/ Events organized: 08

Position	Programme	Duration	Institution
Organizing member	National Seminar on Ecological Balance and Sethusamudram canal	01.10.2004 to 03.10.2004	Department of Oceanography and Coastal Area Studies, Alagappa University.
Organizing member	National workshop on Expansion and Enrichment of Distance Learning	27.03.2012 to 28.03. 2012	Directorate of Distance Education, Alagappa University
Organizing Member	Inter-Collegiate Talent Exhibit show	20.02.2014 to 22.02.2014	Alagappa University Cultural Club
Organizing Member	Training Programme on “Recent Trends in Software Industries. Role of Income Tax and Sale Tax in Business	03.03.2016	University Business Collaboration Centre, Alagappa University on
Organizing Member	Inter-Collegiate Talent Exhibit show	12.10.2017 to 14.10.2017	Alagappa University Cultural Club
Co-organizing Secretary	2 <sup>nd</sup> International Conference on Molecular Physiology, Therapeutics and Experimental Medicine (MP-TEM2019)	24.07.2019 to 25.07.2019	Dept. of Animal Health and Management, Alagappa University, Karaikudi,
Organizing secretary	National Webinar on “Next Generation Technology for Sustainable Fisheries”	21-11-2020	Dept. of Fisheries Science, Alagappa University.
Organizing secretary	2 <sup>nd</sup> National Seminar on “Next Generation Technology for Sustainable Fisheries”.	29.03.2022 to 30.02.2022	Dept. of Fisheries Science, Alagappa University.

## Events Participated

Number of Conferences/Seminars/Workshops:30

## Overseas Exposure/Visits

- United States of America
- Thailand
- Japan
- Singapore
- UAE

## Membership

### Professional Bodies

1. Member, Aquatic Biodiversity Conservation Society, Lucknow, India. 2009
2. Member, Network on Barcoding of Marine life, Initiated by Indian Ocean Census of Marine Life and Centre of Advanced Study in Marine Biology, Annamali University, Parangipettai. 2007.
3. Member, Indian Science Congresses, Calcutta. 2009.
4. Member, DK International Research Foundation, Perambalur. 2019.

### Advisory Board

Year/Period	Name of the BoS/Administrative Committee / Academic Committee	Role
2008	Board of Studies in Marine Microbial Technology, Post Graduate Programme, Alagappa University, Karaikudi	Member
2009	Board of Studies in Zoology (M.Sc.) DDE, Alagappa University	Member
2015 onwards	Board of Studies for Zoology Programme (B.Sc., & M.Sc., Distance Mode), Alagappa University	Chairman
2015	Board of Studies(M.Sc., Zoology) in the Dept. of Animal Health and Management	Special Invitee
2017 onwards	Board of Studies for Home Science, Nutrition and Dietetics (ODL Mode), Alagappa University, Karaikudi,	Chairman
2017 onwards	Board of Studies for M.Sc., Microbiology (ODL mode), Alagappa University, Karaikudi, form M.Sc., Home Science, nutrition and Dietics	Member
20.11.2019	Board Studies in Zoology (M.Sc.) DDE, Alagappa University	Chairperson
18.10.2023	University Sports Board in AlagappaUniversity, Karaikudi	Member
13.07.2023	Advisory committee,AlagappaUniversity, Karaikudi	Member
04.08.2023	Curriculum Design and Development Cell, Alagappa University, Karaikudi	Member

### Academic Bodies in Other Institutes/Universities

Year/Period	Name of the BoS/ Administrative Committee / Academic Committee	Role
18.08.2017	Selection Committee for the Appointment of Assistant Professor, PMT College, Melaneelithanallur	Member
28.08.2017	Inspection Team, New learning centre at Sankarankovil	Member
22.08.2017	Selection Committee for the Appointment of Assistant Professor, Pasumpon Muthuramalinga Thevar College, Melaneelithanallur	Member
28.08.2018	Scrutinizing Committee of Assistant Professor post, Manonmaniam Sundaranar University, Tirunelveli	Member
2019	Board of Studies in Center for Skill Development, Annamalai University, Chidambaram,	Member
01.10.2021 onwards	Board of Studies in in Zoology (U.G. & PG), Bharathidasan University, Tiruchirappalli,	Member

24.12.2022	Selection Committee for the Appointment of Assistant Professor, VOC College, Tuticorin	Member
10.01.2023	Selection Committee for the Appointment of Assistant Professor, Nehru Memorial College, Puthanampatti	Member
08.06.2023	Selection Committee for the promoting 3 faculty members under the GC-Career Advancement Scheme, Bharatidasan University, Tiruchirappalli	Member

#### Ph.D. Thesis Guided: 09

S.No.	Name of the Scholar	Title of the Thesis	Year of Completion
1	A. Paniadima	Studies on the structure and dynamics of plankton community of Chinnathura coast, west coast of India	2006
2	Hari Muraleedharan	<i>Vibrio cholera</i> , <i>Vibrio parahaemolyticus</i> and other vibrios: occurrence and distribution in Rameshwarmisland (Palkbay), southeast coast of India	2006
3	V. KalaiGandhi	Detection and characterization of <i>Azotobacter</i> isolated from Thondicoast, south India	2007
4	S. Prakash	Studies on novel ecofriendly antifouling compounds from mangroove associated actinomycetes, Palk bay, southeast coast of India	2012
5	V. Sri Ramkumar	Studies on biosynthesis and characterization of nanoparticles using seaweeds and their biological applications	2013
6	N.K. Ahila	Studies on coral mucus associated bacteria from Shenbagamuruvai Reef, Gulf of Mannar, southeast coast of India	2017
7	K. Madhuri	Studies on therapeutic properties of <i>Saccharopolysporangium xiencis</i> isolated from coral reef environment of Palk bay, southeast coast of India	2022
8	M. Bodhaguru	Bioprospecting of seagrass associated bacteria from Karangadu, Palk Bay, Southeast coast of India	2023
9	D. Divya	Bioprospecting of marine bacteria for antibiofilm property from Palk bay, southeast coast of India	2023

#### List of Research Articles / Recent Publications

S. No	Authors/Title of the paper/Journal	Impact Factor
1	Sivaranjani S, Karuppiyah K, Rajendran K, Madhuri K, Divya D, Ethiraj K. 2024. Meticulous Taxonomic Evidence and Molecular Confirmation of <i>Sphyraena forsteri</i> Cuvier, 1829 (Carangiformes: Sphyraenidae) from the Southeast coast of India. <i>Thalassas: An International Journal of Marine Sciences</i> . <a href="https://doi.org/10.1007/s41208-024-00692-4">https://doi.org/10.1007/s41208-024-00692-4</a>	0.7
2	Karuppiyah K, Rajendran K, Mariasingarayan Y, Kumarasamy CP, Ethiraj K.	0.7

	2024. First Record of Redfin Emperor <i>Monotaxisheterodon</i> (Lethrinidae) from Indian Waters with Molecular Confirmation. Journal of Ichthyology. <a href="https://doi.org/10.1134/S0032945224020036">https://doi.org/10.1134/S0032945224020036</a>	
3	Karuppiyah K, Rajendran K, Selvaraju R, John S, Ethiraj K. 2023. Molecular Taxonomy and Distribution Status of <i>Odontanthias perumali</i> (Talwar 1976) from Bay of Bengal, Eastern Indian Ocean. Thalassas: An International Journal of Marine Sciences, 39(2): 1039-1045	0.7
4	Kumar R, Madhuri K, Kannan K, Kannapiran E, Sivaranjani S. 2023. Chitinase from <i>Streptomyces mutabilis</i> as an effective eco-friendly biocontrol agent. Applied Biochemistry and Biotechnology, 196: 18-31	3.094
5	Ramesh K, Kannapiran E, Sivasubramanian S, Krishnasamy K, Kumar R, GracyFathima S, Padmapriya P. 2023. Evolution and phylodynamics of Hemagglutinin protein of Influenza A/(H1N1)pdm09 virus isolates from India during 2009 to 2020. Japanese Journal of Infectious Diseases, 76(4): 219-225. <a href="https://doi.org/10.7883/yoken.JJID.2022.453">https://doi.org/10.7883/yoken.JJID.2022.453</a> .	2.541
6	Ramesh K, Krishnasamy K, Anupama CP, Kannapiran E, Kumar R. 2023. Magnitude and clinico-epidemiological pattern of influenza from 2014 to 2019 in Chennai, India. International Journal of Biology, Pharmacy and Allied Sciences, 12(5): 2295-2308. <a href="https://doi.org/10.31032/IJBPAS/2023/12.5.7155">https://doi.org/10.31032/IJBPAS/2023/12.5.7155</a>	
7	Kannan K, Kumar R, Raja S, Kannapiran E. 2023. Taxonomic and distribution status of Margaretha's goatfish, <i>Upeneusmargarethae</i> , Uiblein and Heemstra, 2010 (Perciformes: Mullidae) from Thondi coast, east coast of India. Journal of Aquaculture & Marine Biology, 12(1): 49-52. <a href="https://doi.org/10.15406/jamb.2023.12.00356">https://doi.org/10.15406/jamb.2023.12.00356</a>	
8	Kannan K, Kumar R, Kannapiran E. 2023. Growth, condition factor, food and feeding habits of hill stream fish <i>Garramullya</i> (Sykes, 1839) in Thamirabarani River Basin, Southern Western Ghats of India. Journal of Xidian University, 17(3): 130-137. <a href="https://doi.org/10.37896/jxu17.3/013">https://doi.org/10.37896/jxu17.3/013</a>	
9	Kannan K, Kumar R, Raja S, Kannapiran E. 2023. Length-weight relationship of flying fish - Exocoetidae species from Bay of Bengal, Eastern Indian Ocean". Thalassas: An International Journal of Marine Sciences, 39: 509-512	0.620
10	Geetha GV, Sivakumar R, Slimani Y, Sanjeeviraja C, Kannapiran E. 2022. Rare earth (RE: La and Ce) elements doped ZnWO <sub>4</sub> nanoparticles for enhanced photocatalytic removal of methylene blue dye from aquatic environment. Physica B: Condensed Matter, 639: 414028. <a href="https://doi.org/10.1016/j.physb.2022.414028">https://doi.org/10.1016/j.physb.2022.414028</a>	2.988
11	Kannan K, Kannapiran E, Sivaranjani S, Kumar R, Madhuri K, Divya D. 2021. Weight-length relationships and Fulton's condition factors of ten commercially important Scombridae fish species in Southeast coast of India, Bay of Bengal. Thalassas: An International Journal of Marine Sciences, 38:709-713. <a href="https://doi.org/10.1007/s41208-021-00390-5">https://doi.org/10.1007/s41208-021-00390-5</a>	0.620
12	Kannan K, Sivaranjani S, Kumar R, Karuppasamy K, Prabhu NM, Kannapiran E. 2021. Length-weight relationship of six demersal fish species from Gulf of Mannar, Bay of Bengal, Eastern Indian Ocean. Journal of Applied Ichthyology, 37 (2): 367-369. <a href="https://doi.org/10.1111/jai.14177">https://doi.org/10.1111/jai.14177</a> .	0.612
13	Kannan K, Kodeeswaran P, Kumar R, Madhuri K, Divya D, Kannapiran E. 2021. Length-weight relationship of Coral reef-associated fishes from Gulf of Mannar and Palk Bay, Southeast Coast of India. Journal of Applied Ichthyology, 37 (1): 162-164. <a href="https://doi.org/10.1111/jai.14102">https://doi.org/10.1111/jai.14102</a>	0.612

14	Divya D, Madhuri K, Kumar R, Kannan K, Jeyameenakshi A, KarthickRajan D, Prakash S, Kannapiran E. 2021. Antibacterial and cytotoxicity activities of biosynthesized silver oxide (Ag <sub>2</sub> O) nanoparticles using <i>Bacillus paramycoides</i> . Journal of Drug Delivery Science and Technology, 61, 102111. <a href="https://doi.org/10.1016/j.jddst.2020.102111">https://doi.org/10.1016/j.jddst.2020.102111</a>	2.734
15	Kumar R, Latha P, Madhuri K, Sen S, Divya D, Kannan K, Kannapiran E. 2021. Toxicological evaluation of biosynthesised hematite nanoparticles <i>in vivo</i> . Colloids and Surfaces B: Biointerfaces, 198: 111475. <a href="https://doi.org/10.1016/j.colsurfb.2020.111475">https://doi.org/10.1016/j.colsurfb.2020.111475</a>	4.389
16	Divya D, Madhuri K, Kumar R, Kannan K, Ravindran J, Kannapiran E. 2020. Protein leakage induced marine antibiofouling activity of biosynthesized zinc oxide nanoparticles. Journal of Cluster Science, 32: 643–650. <a href="https://doi.org/10.1007/s10876-020-01827-2">https://doi.org/10.1007/s10876-020-01827-2</a> .	3.061
17	Madhuri K, Divya D, Kumar R, Kannan K, Malaikozhundan B, Kannapiran E (2020). Pharmacological activities of coral reef associated actinomycetes, <i>Saccharopolyspora</i> sp. IMA1. Biocatalysis and Agricultural Biotechnology, 28: 101748. <a href="https://doi.org/10.1016/j.bcab.2020.101748">https://doi.org/10.1016/j.bcab.2020.101748</a>	
18	Kannan K, Kannapiran E, Paramasivam K, Kumar R, Madhuri K, Divya D. 2020. Length-weight relationships of three Clupeiformes species from the Southeast coast of India, Bay of Bengal, Eastern Indian Ocean. Journal of Applied Ichthyology, 36 (6): 860-862. <a href="https://doi.org/10.1111/jai.14092">https://doi.org/10.1111/jai.14092</a>	0.612
19	Madhuri K, Divya D, Vinita M, Kannapiran E, Malaikozhundan B, Kumar R. 2020. Assessment of the effect of green synthesized silver nanoparticles against aquatic pathogen <i>Aeromonas hydrophila</i> using <i>Artemia</i> nauplii. Indian Journal of Geo-Marine sciences, 49 (12): 1831-1838.	0.328
20	Rajasekar P, Palanisamy S, Vinosha M, Selvi, A Muthamil, Anjali R, Kannan K, Kannapiran E, Prabhu, N M.2020.Effect of turmeric and <i>Spatoglossomasperum</i> on shelf life extension of marine finfish <i>Sillagosihama</i> in chilled storage condition.Indian Journal of Geo-Marine Sciences, 49(05): 829-838.	0.328
21	MuthamilSelvi A, Palanisamy S, Jeyanthi S, Vinosha M, SonaimuthuMohandoss, MehdiTabarsae, Sang Guan You, Kannapiran E, Prabhu NM. 2020. Synthesis of <i>Tragiainvolucrata</i> mediated platinum nanoparticles for comprehensive therapeutic applications: Antioxidant, antibacterial and mitochondria-associated apoptosis in <i>HeLa</i> cells.Process Biochemistry, 98: 21-33 <a href="https://doi.org/10.1016/j.procbio.2020.07.008">https://doi.org/10.1016/j.procbio.2020.07.008</a> .	2.952
22	Vinosha M, Palanisamy S, Ramasamy Muthukrishanan, Samayanan Selvam, Kannapiran E, Sang Gyuan You, Prabhu NM. 2019. Biogenic synthesis of gold nanoparticles from <i>Halymeniadilatata</i> for pharmaceutical applications: Antioxidant, anti-cancer and antibacterial activities. Process Biochemistry, 85: 220-229.	2.952
23	Bodhaguru M, Prakash S, Mariselvam L, Ramasubburayan R, Ahila NK, Kannapiran E, Arunachalam P, Immanuel G. 2019. In vitro biomedical properties of Pyrrolidine-2,4- Dione derived from a novel actinobacterium <i>Streptomyces rochei</i> , a green approach. Biocatalysis and Agricultural Biotechnology, 20: 1-11	
24	K. Kannan, Kannapiran E, Prabhu NM. 2019. Record of “Near Threatened “crocodile shark <i>Pseudocarcharias kamoharai</i> (Pseudocarchariidae) from Indian Exclusive Economic Zone. Thalassas: An International Journal of Marine	0.657



	Sciences, 35(2): 525-530.	
25	Kannan K, Kannapiran E, Prabhu NM. 2019. New geographical record of the moray eel <i>Gymnothorax reticularis</i> , bloch, 1795 (Anguilliformes: Muraenidae) with Taxonomic status and Distribution from Southwest coast of India. <i>Thalassas: An International Journal of Marine Sciences</i> , 35(2): 567-571.	0.657
26	Bodhaguru M, Prakash S, Ramasubburayan R, Ahila NK, Mariselvam L, Immanuel G, Palavesam A, Kannapiran E. 2019. Screening, partial purification of antivibriosis metabolite sterol-glycosides from <i>Rhodococcus sp.</i> against aquaculture associated pathogens. <i>Microbial Pathogenesis</i> , 134: 103597. <a href="https://doi.org/10.1016/j.micpath.2019.103597">https://doi.org/10.1016/j.micpath.2019.103597</a> .	2.914
27	Girijakumari NR, Kannapiran E, Prabhu NM. 2018. In vitro and in vivo evaluation of probiotic properties of <i>Enterobacter cloacae</i> in Kenyi cichlid, <i>Maylandialombardoi</i> . <i>Aquaculture International</i> , 26(4): 959-980. <a href="https://doi.org/10.1007/s10499-018-0262-2">https://doi.org/10.1007/s10499-018-0262-2</a> .	1.363
28	Sri Ramkumar V, Prakash S, Selvam S, G. Vinoj, Ahila NK, Kannapiran E, R. Babu Rajendran. 2017. Synthesis of Platinum nanoparticles using seaweed <i>Padinagymnospora</i> and their catalytic activity as PVP/PtNPs nanocomposite towards biological applications. <i>Elsevier, Biomedicine and Pharmacotherapy</i> . 92: 479-490.	4.545
29	MalaikozhundanB, Vijayakumar S, Vaseeharan B, Jenifer AA, Chitra P, Prabhu NM, Kannapiran E. 2017. Two potential uses for silver nanoparticles coated with <i>Solanum nigrum</i> unripe fruit extract: Biofilm inhibition and photodegradation of dye effluent. <i>Microbial pathogenesis</i> , 111: 316-324.	2.914
30	Ahila AK, Prakash S, Sriram V, Manikandan M, Prabhu NM, Ravindran J, Kannapiran E. 2017. Bio prospecting of coral ( <i>Porites lutea</i> ) mucus associated bacteria, Palk Bay Reefs, Southeast Coast of India. <i>Elsevier, Microbial Pathogenesis</i> . 113: 113-125.	2.914
31	Ramkumar VS, Pugazhendhi A, Gopalakrishnan K, Sivagurunathan P, Saratale GD, Dung TNB, Kannapiran E. 2017. Biofabrication and characterization of silver nanoparticles using aqueous extract of seaweed <i>Enteromorpha compressa</i> and its biomedical properties. <i>Biotechnology reports (Amsterdam, Netherlands)</i> , 14: 1–7. doi: 10.1016/j.btre.2017.02.001.	
32	Palanisamy S, Anjali R, Rajasekar P, Kannapiran E, Vaseeharan B, Prabhu NM. 2017. Synthesis and distribution of bioinspired silver nanoparticles using Spirulina Extract for control of <i>Vibrio parahaemolyticus</i> infection in Aquaculture. <i>Asian Journal of Chemistry</i> , 29 (4): 857-863. ISSN: 0970-7077.	0.355
33	Manikandan R, Beulaja M, Thiagarajan R, Palanisamy S, Gouthama G, Koodalingam A, Prabhu NM, Kannapiran E, JothiBasu M, Arulvasu C, Arumugam M. 2017. Biosynthesis of silver nanoparticles using aqueous extract of <i>Phyllanthus acidus</i> L. fruits and characterization of its anti-inflammatory effect against H <sub>2</sub> O <sub>2</sub> –exposed rat peritoneal macrophages. <i>Process Biochemistry</i> , 55: 172-181.	2.952
34	Ahila NK, Sri Ramkumar V, Prakash S, Manikandan B, Ravindran J, Dhanalakshmi PK, Kannapiran E. 2016. Synthesis of stable nanosilver particles (AgNPs) by the proteins of seagrass <i>Syringodium isoetifolium</i> and its biomedical properties. <i>Biomedicine &amp; Pharmacotherapy</i> , 84:60–70.	4.545
35	Prakash S, Kannapiran E. 2016. In vitro - Scientific evaluation on antimicrobial, antioxidant, cytotoxic properties and phytochemical constituents of traditional	4.545

	coastal medicinal plants. <i>Biomedicine &amp; Pharmacotherapy</i> , 83:648–657.	
36	Sri Ramkumar V, Prakash S, Ramasubburaya R, R. Baburajendran, Kannapiran E, 2016. Seaweeds: A Resource for Marine Bionanotechnology. <i>Enzyme and Microbial Technology</i> , 95:45-57.	3.448
37	Prabhu NM, Rajseker P, Nisha RG, Yasminebegam A, Kannapiran E, Manikandan R. 2016. Effect of turmeric on shrimp ( <i>Penaeus semisulcatus</i> ) shelf life extension in chilled storage condition. <i>Iranian Journal of Fisheries Sciences</i> , 15(1):39-52.	0.711
38	Prakash S, NK Ahila, V Sri Ramkumar, Ravindran J, Kannapiran E. 2015. Antimicrofouling properties of chosen marine plants: An eco-friendly approach to restrain marine microfoulers. <i>Biocatalysis and Agricultural Biotechnology</i> , 4(1): 11-121.	
39	Prakash S, Ramasubburayan R, Iyapparaj P, Ahila NK, Sri Ramkumar V, Palavesam A, Immanuel G, Kannapiran E. 2015. Influence of physicochemical and nutritional factors on bacterial diversity in mangrove sediments along the southwest coast of Tamilnadu, India. <i>Environmental Monitoring and Assessment</i> , 187:562.	1.903
40	Sri Ramkumar V, Prakash S, Muthukkumarasamy S, Ahila NK, Ravindran J, Kannapiran E. 2014. Synthesis and characterization of silver and gold nanoparticles using aqueous extract of seaweed, <i>Turbinaria conoides</i> and their anti-microfouling activity. <i>The Scientific World Journal</i> 2014: 938272.	
41	Prakash S, Ravikumar S, Reddy KVR, Kannapiran E. 2014. Spermicidal activity of Indian seaweed: An in vitro study. <i>Andrologia</i> , 46(4): 408- 416.	1.951
42	Ahila NK, Kannapiran E, Ravindran J, Sri Ramkumar V. 2014. Studies on methanogenic consortia associated with mangrove sediments of Ennore. <i>Journal of Environmental Biology</i> , 35: 649-654.	0.781
43	Ravindran J, Kannapiran E, Manikandan B, Francis K, Shruti Arora, Karunya E, Amit Kumar, Singh SK, Jiya Jose. 2013. UV-absorbing bacteria in coral mucus and their response to simulated temperature elevations. <i>Coral Reefs</i> , 32: 1043–1050.	3.662
44	Prakash S, Ahila NK, Ravikumar S, Kannapiran E. 2013. Phenotypic and Genotypic Probing of Biofertilizing Halotolerant <i>Azospirillum Spp.</i> and <i>Bacillus Spp.</i> <i>Middle-East Journal of Scientific Research</i> , 15 (1): 128-133.	
45	Kannapiran E, Ravindran J. 2012. Dynamics and diversity of phosphate mineralizing bacteria in the coral reefs of Gulf of Mannar. <i>Journal of Basic Microbiology</i> , 52: 91–98.	1.909
46	Ravindran J, Kannapiran E, Manikandan B, Mani Murali R, Anthony Joseph K. 2012. Bleaching and secondary threats on the corals of Palk Bay: A survey and proactive conservation needs. <i>Indian Journal of Geo-Marine Sciences</i> , 41(1): 883-890.	0.328
47	Sri Ramkumar V, Kannapiran E, Magesh M. 2011. Variations in heterotrophic bacteria and phosphate solubilizing bacteria from Karangadu and Devipattinam coast, Palk Strait, Southeast coast of India. <i>Annals of Biological Research</i> , 2(5): 602-609	
48	Kannapiran E, Sri Ramkumar V. 2011. Inoculation effect of nitrogen-fixing and phosphate-solubilizing bacteria to promote growth of black gram ( <i>Phaseolus mungo</i> Roxb; Eng). <i>Annals of Biological Research</i> , 2(5):615-621	
49	Kannapiran E, Sri Ramkumar V. 2011. Isolation of phosphate solubilizing	

	bacteria from the sediments of Thondi coast, Palk Strait, Southeast coast of India. <i>Annals of Biological Research</i> , 2(5): 157-163	
50	Sri Ramkumar V, Kannapiran E, Palanisamy M. 2011. Prevalence and distribution of total heterotrophic bacteria from Kottaipattinam coast, Palk Strait, Southeast coast of India, <i>Archives of Applied Science Research</i> , 3 (5):593-598	
51	Sri Ramkumar V, Kannapiran E. 2011. Isolation of total heterotrophic bacteria and phosphate solubilizing bacteria and <i>in vitro</i> study of phosphatase activity and production of phytohormones by PSB. <i>Archives of Applied Science Research</i> , 3(5):581-586.	
52	Prakash S, Kannapiran E, Ramasubburayan R, Iyapparaj P, Ananthi S, Palavesam A, Immanuel G. 2011. Production and partial purification of protease by selected bacterial strains using raw milk as substrate. <i>Malaysian Journal of Microbiology</i> , 7(4): 192-200.	
53	Kalaigandhi V, Kannapiran E. 2011. Qualitative and quantitative examination of plant growth hormone production using <i>Azotobacter</i> isolated from seagrass ecosystem of Thondi. <i>Asian Journal of Microbiology, Biotechnology &amp; Environmental Sciences</i> , 13(4):1-6.	
54	Kalaigandhi V, Kannapiran E, Hari Muraleedharan, Michael A. 2011. <i>nifH</i> gene of reference being the source to study the marine <i>Azotobacter</i> sp. <i>Scientific Transactions in Environment and Technovation</i> , 5(1): 37 - 42	
55	Kalaigandhi V, Kannapiran E, Hari Muraleedharan, Thirumaali Arasu V. 2010. Molecular screening of marine <i>Azotobacter</i> sp. using <i>nifH</i> gene. <i>Advanced Biotech</i> , 10 (3): 33-35.	
56	Shri Muraleedharan, Kannapiran E, Kalaigandhi V, Michael A. 2010. Ecology of total heterotrophic bacterial population from Rameswaram Island (Palk Bay), Southeast coast of India. <i>International Journal on Applied Bioengineering</i> , 4(1): 7-13.	
57	Kalaigandhi V, Kannapiran E, Hari Muraleedharan, Michael A, Sivakumar T, Thirumaali Arasu V. 2010. <i>Azotobacter</i> population in Rhizosphere and Non-Rhizosphere sediments of Thondi Coast. <i>International Journal of Biological Technology</i> , 1(1): 63-65.	
58	Ravindran J, Geetha Priya G, Kannapiran E. 2009. Effect of Concentrating and Exposing the Bioluminescent Bacteria to the Non-Luminescent Allo-Bacterial Extracellular Products on their Luminescence. <i>Journal of Luminescence</i> , 26: 23–28.	3.280
59	Hari Muraleedharan, Kalaigandhi V, Kannapiran E. 2009. Microfouling of Manganese -oxidizing microorganisms in Rameswaram Coastal Waters. <i>Nature Precedings</i> , doi:10.1038/npre.2009.3777.1.	
60	Hari Muraleedharan, Kannapiran E, Kalaigandhi V, Michael A. 2009. Antibiotic sensitivity test against <i>Vibrio</i> sp. Isolated from Rameswaram island. <i>Scientific transactions in environment and technovation</i> , 3(2): 64 – 68.	
61	Kannapiran, Ravindran J, Chandrasekar R, Kalaiarasi A. 2009. Studies on Luminous <i>Vibrio harveyi</i> associated with shrimp culture system rearing <i>Penaeus monodon</i> . <i>Journal of Environmental Biology</i> , 30(5): 791-795.	0.781
62	Kannapiran E, Kannan L, Purushothaman A, Thangarajdou T. 2008. Physico-chemical and microbial characteristics of the coral reef environment of the Gulf of Mannar marine biosphere reserve. <i>Journal of Environmental Biology</i> , 29(2): 215-222	0.781

63	Paniadima A, Kannapiran E, Vareethiah K. 2006. Seasonal variation of phytoplankton in Chinnathurai Coast along southwest coast of India. Journal of Marine Biological Association of India, 48 (2): 161-165.	
64	Kannapiran E, Nithyanandan M. 2002. Antibacterial activity of different fractions of extracts from Palk Bay seaweeds. Journal of Seaweed Research and Utilization, 24: 125-130	
65	Ponmariappan S, Kannapiran E, Stella C, Mathiyarasu J, Maruthamuthu S. 1999. Microfouling on copper and monel in seawater. Indian Journal of Microbiology, 39: 113-118. ISSN: 0046-8991	1.830
66	Kannapiran E, Purushothaman A, Kannan L, Saravanan S. 1999. Magneto bacteria from estuarine, mangrove and coral reef environs of Gulf of Mannar. Indian Journal of Marine Science, 28:332-334.	0.328
67	Kannapiran E, Kannan R, Kannan L. 1997. Immobilization of <i>Nitzschia obtuse</i> (W. Smith) for stock culture management. Journal of Seaweed Research and Utilization, 19 (1&2):67-73	
68	Kannapiran E, Paterson JK. 1996. Breeding biology of Babylon snail <i>Babylonia spirata</i> (Linnaeus) (Mollusca: Neogastropoda: Buccinidae). Indian Journal of Marine Science, 25:368-370	0.328

Date : 29.02.2024

Place : Karaikudi

**E. KANNAPIRAN**