



Dr. S. RAVIKUMAR
Professor

Contact

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Academic Qualifications : M.Sc.Biology/M.Phil. Marine Biology and Oceanography/Ph.D.Marine Biology

Teaching Experience: 22 Years

Research Experience: 25 Years (including Ph.D research period)

Additional Responsibilities

1. Member Senate- Manonmaniam Sundaranar University , Tirunelveli since 2013-2016
2. Member-IQAC-Manonmaniam Sundaranar University, Tirunelveli since 2014-2016
3. External Scientific Expert-Management Committee-Mount Litzera Zee School, Kamuthakudi, Tamil Nadu since 2016
4. Member-Department IQAC, School of Marine Sciences, Alagappa University, Thondi Campus since 2015
5. Co-Ordinator- Alumni Association-School of Marine Sciences, Thondi Since 2016
6. Member-Planning Board, Manonmaniam Sundaranar University, Tirunelveli appointed by the Honourable Governor of Tamil Nadu since 14.11.2016 to 13.11.2019
7. Co-Ordinator-Alagappa university Evening College-Thondi- 2008-2012
8. Environment Protection Officer, School of Marine Sciences, Alagappa university Thondi- 2008-2012
9. Principal In-charge, Alagappa University Constituent Arts and Science College, Paramakudi-2012-2014
10. Member-Research Advisory Governance/Council, Gulf of Mannar Marine Biosphere Reserve Trust, Dept. Of Forest, Government of Tamil Nadu, Ramanathapuram since 2014

Areas of Research

Marine Microbial Pharmacology, Marine Drug Discovery, Marine Biotechnology, Marine Bioprospecting

Research Supervision / Guidance

Program of Study		Completed	Ongoing
Research	Ph.D.	29	3
	M.Phil.	44	--
Project	PG	38	1
	PDF	1	2

Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
89	18	53	20	27

Cumulative Impact Factor (as per JCR) :	54.79
h-index :	25
i10 index :	55
Total Citations :	1768
Cumulative SNIP :	8.705
Cumulative SJR(SC Imago journal rank) :	7.298

Funded Research Projects

Completed Projects

S. No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1	DST, New Delhi	2006	2009	Scientific evaluation of safety and efficacious herbal medicines from mangroves for the management of Malaria	104.67
2	MoEn&F, New Delhi	2008	2011	Geo-microbial investigation and characterization of microbial community in Manakkudi mangroves of Tamil Nadu (South West Coast of India)	16.67
3	GOMBRT	2011	2011	Molecular characterization of Microbial communities in Gulf of Mannar Marine Biosphere Reserve	3.75
4	ICMR, New Delhi	2009	2012	Production and Screening of Anti-malarial compounds from coastal and marine halophytic and non-halophytic medicinal plants	21.00
5	UGC, New Delhi	2011	2014	Sustainable utilization of seagrass biowastes for biofuel ethanol production by using halotolerant Microbes	10.25

6	UGC-BSR	2012	2015	One time grant to faculty/professors of science departments of various universities under “ UGC-BSR one time grant”	7.0
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Ongoing Projects

S. No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1	DST-SERB, New Delhi	2016	2020	Scientific Validation of Antimalarial leads from native Indian seaweed	55.00
2	UGC-SAP-DRS-I (Deputy Co-Ordinator)	2016	2021	Conservation and Sustainable Development of marine Resources in Palk Bay	87.97

Consultancy Projects

S. No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1	GEF-UNDP-GOMBRT	2011	2011	Molecular characterization of Microbial communities in Gulf of Mannar Marine Biosphere Reserve	3.75

Patents-Filled/In progress

1. Antimicrobial salts from marine salt marsh herbs-File No. 2115/CHE/2013
2. Facemask material with improved bacterial filtration efficiency-File No. 2196/CHE/2013
3. Anti Diabetic Drug Obtained from Herbal Salt-File No. 3390/CHE/2013

In Progress:

4. Biofuel ethanol from Seagrass Biowastes by using halotolerant microbes
5. Vermicompost from seagrass Biowastes by using halotolerant earthworm
6. Mushroom cultivation by using seagrass Biowastes as substrate
7. Cattle fodder/food from marine biowastes

Distinctive Achievements / Awards

1. 2016 Best Professor Award in Oceanography and Coastal Area Studies, India
2. 2016 Alagappa Research Excellence Award in Oceanography and Coastal Area Studies, India
3. 2012 UGC-BSR award, India
4. 2012 EPS Young Innovator Award, Montreal Canada
5. 2010 Best Faculty Award in Marine Sciences, India
6. 2007 Indo-Mauritius Post Doctoral Award, UGC Delhi, India
7. 2006 Best Oral Presentation Award, Association of Microbiologists, India
8. 2003 German Ministry of Economics and Cooperation Development, Germany

Events organized in leading roles

Number of Seminars / Conferences / Workshops / Events organized: Organising Secretary, International-1, National-3

Events Participated

Conferences / Seminars / Workshops: 115

Overseas Exposure / Visits

1. 2002- Thailand
2. 2003- Germany, Italy, France, Luxembourg, The Netherlands, Denmark, Belgium
3. 2006- Malaysia
4. 2007-Mauritius
5. 2011- China

Membership in Professional Bodies

1. **Fellow of Society of Applied Sciences (I.D.No. SASc/09/LM-04)**
2. Life Member Current Science, India
3. Life Member Indian Science Congress Association
4. Life Member in Asian Journal of Microbiology
5. Life Member in Journal of Science and Technology
6. Member in Indian Journal of Environmental Biology
7. Member in WHO'S WHO American Bibliography since 2004
8. Member in American Chemical Society since 2005

Editorial Board

1. Member –Editorial board in International Journal of Seaweed Research and Utilisation, India

2. Member-Editorial Board-HINDCO Journal, India
3. Editor-in-Chief E-student magazine of Dept. of OCAS
4. Editor-in-Chief Journal of Ocean Sciences of Dept. of OCAS

Advisory Board

1. Member Planning Board-Manonmaniam Sundarnar University, Tirunelveli

External Scientific Expert-Mount Litzera International School, Kamuthakkudi, Tamil Nadu, India

Academic Bodies (such as Board of Studies etc.,)

S. No	Position	Name of the Board	Period	
			From	To
1.	Chairman	UG and PG Biochemistry, Alagappa University	2007	2010
2.	Member	M.Sc., M.Phil and Ph.D in Marine Pharmacology, Alagappa University	2009	2012
3.		UG and PG Microbiology, Manonmaniam Sundaranar University	2005	2008
4.		Marine Science and Technology, Manonmaniam Sundaranar University	2005	2008
5.	Member	B.Sc Zoology, Fatima College, Madurai	2012	Till date
		Certificate course in Bioinformatics, Fatima College, Madurai	2012	Till date
		Certificate course in Beauty culture and Herbal Cosmetics, Fatima College, Madurai	2012	Till date
		Certificate course in Techniques in Plant	2012	Till date

		Tissue Culture		
6.	Examiner	M.Sc, M.Phil Microbiology	2008	Till date
		M.Sc, M.Phil Marine Sciences	2005	Till date
		M.Sc, M.Phil Oceanography and Coastal Area Studies	2004	Till date
		M.Sc Zoology	2004	Till date
		M.Sc Eco- Biotechnology	2005	Till date
7.	Member	M.Phil and M.Sc Industrial Biotechnology	2012	Till date
8.	Member	Distance Education (Diploma in Pisciculture, B.Sc Environmental Science, M.K. University, Madurai.	2013	Till date
9.	Member	Diploma in Aquaculture, Diploma in Medical Laboratory Technology	2014	Till date
10.	Member	MSc., Marine Science and Technology, Amity University, Noida	2014	Till date
11.	Member	B.Sc Marine Biology, Alagappa University	2014	Till date
12.	Member	CAS Interview Board for Marine Science and Technology of Manonmaniam Sundarnar University, Tirunelveli	2016	-

Others: 1. Journal articles reviewed: 53 Journals, 81 Articles

S.No	Name of the journal	No of articles reviewed	Accepted	Rejected	National	International
1	Crustaceana	1	1	-	-	√
2	World applied science journal	6	6	-	-	√
3	Aquatic Botany	1	1	-	-	√
4	Journal of Toxicology and Environmental health sciences	1	1	-	-	√
5	Journal of pharmacognosy and phytotherapy	2	2	-	-	√
6	Indian journal of Geo-Marine sciences	3	3	-	√	
7	Journal of king saud university	1	1	-	-	√
8	International journal of biomedical and nanoscience and nanotechnology	1	1	-	-	√
9	Journal of environmental biology	10	8	2	√	-
10	An international journal of scientific transaction in environment and technovation	1	1	-	-	√
11	Journal of medicinal plant research	6	2	4	-	√
12	International journal of plant physiology and	1	-	1	-	√

	biochemistry					
13	Latin American journal of aquatic research	1	-	1	-	√
14	International research journal of plant science	1	1	-	-	√
15	Journal of microbiology and antimicrobials	2	1	1	-	√
16	Botanica marina	3	3	-	-	√
17	African journal of marine sciences	1	1	-	-	√
18	Journal of environmental chemistry and ecotoxicology	2	2	-	-	√
19	International research journal of agricultural research sciences	1	1	-	-	√
20	Marine biodiversity records	1	1	-	-	√
21	Research in pharmaceutical biotechnology	1	1	-	-	√
22	Journal of soil science and environmental management	1	1	-	-	√
23	Natural product research	1	1	-	-	√
24	International research journal of biochemistry and bioinformatics	1	1	-	-	√
25	Journal of ecology and the natural	2	1	1	-	√

	environment					
26	Journal of parasitic diseases	4	4	-	-	√
27	African journal of agricultural research	2	1	1	-	√
28	African journal of Biotechnology	3	3	-	-	√
29	Estuarine, coastal and shelf science	1	1	-	-	√
30	African journal of pharmacy and pharmacology	1	1	-	-	√
31	International journal of biological and chemical sciences	1	1	-	-	√
32	Journal of food and chemical toxicology	1	1	-	-	√
33	Journal of ocean University of china	1	1	-	-	√
34	Journal of cereals and oils seeds	1	1	-	-	√
35	The international journal of integrative biology	1	1	-	-	√
36	African journal of food science	1	1	-	-	√
37	International of environment and waste management	4	4	-	-	√
38	Marine biotechnology	1	1	-	-	√
39	Mediterranean aqua culture journal	1	1	-	-	√

40	International Research Journal of Microbiology	2	-	1	-	√
41	African journal of microbiological research	2	1	1	-	√
42	International Journal of Fisheries and Aquaculture	1	1	-	-	√
43	International Journal of Pure and Applied Biotechnology	1	1	-	-	√
44	National Academy Science Letters	1	-	1	1	√
45	World Journal of Microbiology	1	1	-		√
46	Springer	1	1	-	-	√
47	Annual Research and review in Biology	1	1	1	-	√
48	Journal of Water and Climate Change	1	1	1	-	√
49	J of seaweed and Research Utilisation	1	-	1	√	-
50	Environmental Science and Pollution Research	1	1	-	-	√

2. Member in Inspection Commission for course affiliation: 13

S.No	Position of the member	Name of the college	Name of the subject and department	Date of attended
1.	Expert	Udaya College of Arts and Science	B.Sc., Biotechnology and Microbiology, B.Com, Computer Application.	20.10.2006
2.	Expert	Malankara Catholic College	B.Sc., Biotechnology, M.Sc., Microbial Technology	10.08.2006
3.	Expert	Sivanthi Aditanar College	M.Phil., Microbiology	21.04.2006
4.	Expert	Sadakathulla Appa College	M.Sc., Microbiology,	21.04.2006
5.	Expert	S.J. Hidu College	M.Phil., Zoology	21.04.2006
6.	Expert	Muslim Arts college	M.Sc., Microbiology	13.04.2006
7.	Expert	Malankara Catholic College	M.Sc., Microbial Technology	22.06.2006
8.	Expert	Udaya College of Arts and Science	B.Sc., Microbiology	10.08.2006
9.	Expert	K. R. College of Arts and Science	M.Sc., Microbiology	03.07.2006
10.	Expert	Sri Ram Nallamani Yadava College of Arts and Science	M.Sc., Microbiology	29.06.2006
11.	Expert	Sethupathy Govt. Arts College, Ramanathapuram	B. Sc., Marine Biology,	23.10.2013

3. Convener/ Member in Doctoral Committee: 33

S. No	Name of the Institution	Name & Reg. No	Date	Position
1.	Centre for Marine Science and Technology, Manonmaniam Sundaranar University, Rajakkamangalam	V. Saravanan(2209)	12.5.2007	Convener
2.	Centre for Marine Science and Technology, Manonmaniam Sundaranar University, Rajakkamangalam	R. Senkottuvel (2421)	09.08.2007	Convener
3.	Centre for Marine Science and Technology, Manonmaniam Sundaranar University, Rajakkamangalam	R. Anandaraj (2483)	09.08.2007	Convener
4.	Dept. Of Biotechnology, Sathabama University	S. Usha Nandhini	12.7.2008 29.10.2011 13.07.2013	Member
5.	Dept. Of Marine Sciences, Bharathidasan University	K. Jothiraj	21.10.2009 12.10.2010 24.11.2011	Member
6.	Dept. Of Microbiology, Bharathidasan University, Tiruchirappalli	D. Vijayan	06.05.2010 13.12.2011	Member
7.	Department of Botany, Alagappa University, Karaikudi	T. Eluvakkal	09.09.2010	Member
8.	Department of Life Sciences, PRIST University, Thanjavur	M. Ajmalkhan	18.09.2010 8.9.2011	Member
9.	Department of Life Sciences, PRIST University, Thanjavur	T. Dhinakarraj	18.09.2010 8.9.2011	Member

10.	School of Marine Sciences, Alagappa University, Thondi Campus	R. Gokulakrishnan	11.10.2010	Member
11.	Department of Microbiology, Periyar University, Salem	R. Pazhanimurugan	06.04.2011	Member
12.	Department of Biotechnology, Sathyabam University, Jeppiar Nagar, Chennai.	S. Sudha	09.10.2011 03.09.2013	Member
13.	School of Bio Sciences and technology, VIT University, Vellore	D. Ashok kumar	09.03.2012	Member
14.	Department of Mechanical Engineering, Sastra University, Thanjavur.	Amarendra visamsetti	14.03.2012 03.07.2013	Member
15.	Department of Biotechnology, Periyar University, Salem.	R. Sowmiya	13.09.2013	Member
16.	Department of Microbiology, Bharathidasan University, Tiruchirapalli.	E. Baldev	31.10.2013 10.05.2016 20.12.2016	Member
17.	Department of Biotechnology, Periyar University, Salem.	R. Sowmiya	12.09.2015	Member
18.	School of Marine Sciences, Alagappa University, Thondi Campus	J. Bharath	14.03.2016	Member
19.	School of Marine Sciences, Alagappa University, Thondi Campus	Sanchae Hullas	14.03.2016	Member
20.	Dept. Of Geology, Alagappa Government Arts College, Karaikudi	Syed Ibrahim	9.9.2016	Member
21.	Dept. Of Zoology, T.B.M.L. College, Porayar	Mrs. R. Kavitha Mrs. M. Thilagavathy		Member

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4.0 Member/Convenor in Interview Board: 21

S. No	Name of the Institution	Purpose	Date	Position
1.	School of Marine Sciences, Alagappa University, Thondi Campus	Interview for DST-PURSE Project fellow selection	24.08.2011	Internal Expert
2.	School of Energy, Environment & Natural resources, Madurai Kamaraj University, Madurai	UGC-BSR Research Fellowships	8.6.2011	External Expert
3.	Central Salt & Marine Chemical Research Institute, Mandapam	Selection of Project Assistant	2.5.2011	External Expert
4.	K.R. College of Arts and Science, Kovilpatti	Selection of Lecturers – Department of Biochemistry and Microbiology	2.4.2011	External Expert
5.	Central Salt & Marine Chemical Research Institute, Mandapam	Selection of Project Assistant	28.1.2011	External Expert
6.	Noorul Islam University, Tamil Nadu	Selection of Lecturers	23.01.2010	External Expert
7.	Central Salt & Marine Chemical Research Institute, Mandapam	Selection of Project Assistant	15.03.2012	Chairman
8.	Central Salt & Marine Chemical Research Institute, Mandapam	Selection of Project Assistant	01.02.2013	Chairman
9.	School of Energy, Environment & Natural resources, Madurai Kamaraj University, Madurai	UGC-BSR Research Fellowships	12.03.2012 29.08.2013	External Expert

10.	School of Energy, Environment & Natural resources, Madurai Kamaraj University, Madurai	UGC-BSR Research Fellowships	29.08.2013	External Expert
11.	Department of Microbiology, Bharathidasan University, Tiruchirapalli.	Selection of Research Associate, Junior Research Fellow and Project Assistant	13.12.2013	University Nominee
12.	Department of Marine and Coastal Area Studies, Madurai Kamaraj University, Madurai.	Subject expert – external Member for Research Progress Assessment Committee (RPAC)	11.12.2013	Member
13.	Department of Marine and Coastal Area Studies, Madurai Kamaraj University, Madurai.	Member, Central/ State Government Organization of the Purchase/ Technical Committee meeting	10.12.2013	Member
14.	Department of Marine and Coastal Area Studies, Madurai Kamaraj University, Madurai.	Member, Central/ State Government Organization of the Purchase/ Technical Committee meeting	20.12.2013	Member
15.	Department of Microbiology, Bharathidasan University, Tiruchirapalli.	Selection of Research Associate	15.10.2014	Memmer
16.	Gulf of Mannar Biosphere Reserve Trust, 102/26 Jawan	Discussion meeting for	28.10.2014	RAC

	Bhavan 1 st , Kenikarai, Ramanathapuram.	holding an National level Seminar		Member
17.	Gulf of Mannar Biosphere Reserve Trust, 102/26 Jawan Bhavan 1 st , Kenikarai, Ramanathapuram.	Discussion meeting for holding an National level Seminar	31.10.2014	RAC Member
18.	Gulf of Mannar Biosphere Reserve Trust, 102/26 Jawan Bhavan 1 st , Kenikarai, Ramanathapuram.	Project Report Evaluation meeting supported by GOMBRT	05.03.2015	RAC Member
19.	Department of Microbiology, Bharathidasan University, Trichy	DBT-PA Selection Committee	25.03.2015	Member
20.	Department of Microbiology, Bharathidasan University, Trichy	DBT-Research Associate selection committee	31.07.2015	Member
21.	Vivekananda College, Kanniyakumari	Assistant Professor (1), Associate Professor (1) under UGC B.Voc Course on Aquaculture	26.08.2016	Member

Resource persons in various capacities

1.0 State Level : 10

S. No	Name of the event	Date	Address of the institution where held	Theme of the seminar	Title of the paper presented/participated
1.	Seminar	16.10.1992	Vivekananda	Agricultural	Participated

			College, Madurai	microbiology	
2.	Seminar	20.09.1997	Gandhigram Rural Institute, Deemed University, Gandhigram	Biology for rural applications	Biofertilizer effect of <i>Azotobacter chroococum</i> on phytoplankton and prawns
3.	Seminar	05.08.1998	V. H. N. S.N College, Virudhunagar	Biochemistry in modern biology and medicine	Biofertilizers
4.	Crash course	10.10.1998	K.S. Rangasamy College Of Arts And Science, Tiruchengode	Applied biology-an update	Participated
5.	Workshop	11.08.2000-14.08.2000	St. Xevier's College, Palayamkottai	Student Counselling	Participated
6.	Seminar	26.02.2001	S.T. Hindu College, Nagercoil	Medicinal plants	Participated
7.	Seminar	20.03.2001	V.H.N.S.N. College, Virudhunagar	Biochemistry in modern technology	Participated
8.	Seminar	17.10.2002	Department of Botany, Holy Cross College, Nagercoil	Conservation of Plants	Participated
9.	Seminar	22.07.2006	A.V.S college Arts and	Recent trends in biological sciences	Standardization of marine herbal medicine for human diseases
10.	Seminar	29.09.2011	CausannalCollege Of Arts anScience	Exploration of biochemicals for safe environment	Marine Biochemicals for Safe Environment

2.0 National Level Seminar: 32

S. No	Name of the event	Date	Addresses of the Institution Where held	Theme of the seminar	Title of the paper presented / participated
1.	Symposium	22.05.1995-24.05.1995	Central Food Technological Research Institute, Mysore	Recent advances in biotechnological applications of plant tissue and cell culture	Studies on tissue culture aspects on marine halophytes
2.	Seminar	25.03.2000-26.03.2000	Institute For Coastal Area Studies, Nagercoil	Marine biodiversity	Participated
3.	Seminar	25.03.2000-26.03.2000	Institute for Coastal Area Studies, Manonmaniam Sundaranar University, Nagercoil	Marine biodiversity	Participated
4.	Seminar	16.11.2000	Department of Marine Biology, Karnatak University, Karwar	Conservation of biodiversity and coastal aquaculture	Participated
5.	Seminar	26.09.2001-27.09.2001	Suganthi Devadason Marine Research Institute, Tuticorin	Marine and coastal ecosystem: Coral and mangrove problems and management strategies	Strategies for the conservation and regeneration of mangroves
6.	Seminar	26.09.2002-28.09.2002	Suganthi Devadason Marine Research Institute, Tuticorin	Marine biodiversity as a source of food and medicine	Screening of extremophilic cyanobacterial extracts against post-operative nosocomial and

					urinary tract infectious pathogens
7.	Seminar	1.10.2004 - 03.10.2004	Department of Oceanography and Coastal Area Studies, Thondi Campus, Thondi	Ecological balance and sethusamudram canal	Ecological imbalance with special reference to microbial diversity in the coastal mining area
8.	Symposium	29-12.2005-30.12.2005	Department of Microbiology, Sri Sankara Arts and Science College, Kanchipuram	Recent trends in microbial biotechnology	Current trend in marine microbial technology
9.	Conference	17.02.2006 to 18.02.2006	Noorul Islam College of Arts And Science, Kumaracoil	Biotechnology and molecular medicine	Environmental and agricultural biotechnology
10.	Symposium	27.08.2007-29.08.2007	Madurai Kamaraj University, Madurai	Seaweed research and utilization association	-
11.	Conference	11.01.2007-12.01.2007	Department of Microbiology, Sri Sankara Arts and Science College, Kanchipuram	Emerging trends and evolving technologies in applied microbiology with special reference to microbial nanotechnology	Bio prospecting of metabolites from sponge derived microorganisms
12.	Seminar	15.02.2008-16.02.2008	Department of Microbiology and Microbial Technology,	National seminar and EXPO 2008 on	Bioprospecting of pharmaceutical

		8	Malankara Catholic College, Mariagiri	microbial technology	y important marine microbes
13.	Symposium	28.07.2008-29.07.2008	Cauvery College for Women, Trichy	National symposium on microbial biodiversity bioremediation and biotechnology	Bioremediation of heavy metals by halo bacteria
14.	Symposium	25.09.2008-26.09.2008	Department of Botany, Bharathiyar University, Coimbatore	Herbal Drug Research	Marine microbes for sustainable development
15.	Seminar	23.01.2009-24.01.2009	Department of Microbiology, Malankara Catholic College, Mariagiri	Microbial technology	Marine microbes for sustainable development
16.	Seminar	25.03.2009-26.03.2009	School of Animal Health and Management, Alagappa University, Karaikudi	Applications of genomics and bioinformatics in animal health and management	-
17.	Conference	20.08.2009-21.08.2009	Department of Marine Science, Bharathidasan University, Trichy	Brain storming session on nanogeoscience	Nano-Marine Science
18.	Seminar	08.10.2009-09.10.2009	Department of Biotechnology, Udaya School of Engineering, Kanyakumari	Recent advances in biotechnology	Recent trends in marine microbial technology
19.	Conference	11.10.2012-12.10.2012	Department of Botany, Pasumpon Muthuramalingathevar Arts college, Kamuthi	Environmental sustainability issues and challenges	Bioprospecting of Marine Biodiversity

20.	Seminar	05.03.2013 – 06.03.2013	P. G. And Research Department of Botany, Government Arts College, Karur.	Recent Trends In Bioactive Substances - 2013	Participated and Presented
21.	Seminar	11.03.2013	Department of Biotechnology and Botany, Periyar University, periyar palkalai Nagar, Salem.	Current Trends in Biology & Biotechnology	Participated and Presented
22.	Seminar	9.12.2013 – 10.12.2013	Department of Home Sceince, Gandhigram Rural Institute, Gandhigram, Dindigul.	Therapeutics of marine Bioactive Compounds	Marine drug development process
23.	Seminar	20.02.2014 – 21.02.2014	Department of microbiology, Periyar university, Salem.	Current trends in Infectomics	Chair person
24.	Conference	27.02.2014 – 28.02.2014	Advanced study in Marine Biology, Faculty of marine Sciences, Annamalai University.	Fungal Diversity and Biotechnology for food and chemicals – 40 th Annual meeting of the Mycological Society of India.	Co-Chairperson in the technical session
25.	Seminar	14.09.2014	Department of Zoology and Chemistry, Syed Ammal Arts and Sceince College, Pullangudi, Ramanad.	Microbial pollution in aquatic environment	
26.	Symposium	27.03.2015	Centre for Marine Science and Technology, Manonmaniam Sundaranar University,	Conservation of Wetland Species and Ecosystems	Bioprospecting of Marine Resources-A Clean India Approach

			Rajakkamangalam campus, Kanyakumari district		
27.	Conference	4.2.2016	Mohamed Sathak College of Arts and Science	Emerging trends in Management of Infectious disease and Public Health2016	Alternative medicines from marine microbes
28.	Seminar	3-4.03.2016	M.D.T. Hindu College, Pettai, Tirunelveli	National seminar on Marine Resources	Bioprospecting of Marine Resources-A clean India Approach
29.	Seminar	30-09-2016 to 01.10.2016	M.D.T. Hindu College, Pettai, Tirunelveli	National Seminar on Modern perspectives and strategies in teaching, learning and evaluation	21 st century skills for teachers and students
30.	Conference	3-6.11.2016	Shobit University, Meerut, India	37 th National conference on IABMS on current advances in integrated Bio medicine for Health care	Bioprospecting of Marine Resources for Food and Medicine
31.	Refresher Course	12.11.2016	UGC-Human Resource Centre-Bharathidasan University, Tiruchirappalli	Refresher course in Life Sciences	Drugs from the Ocean
32.	Conference	10.12.2016	PEARL Foundation for Educational Excellence	Participated	-

3.0 International level: 10

S. No	Name of the event	Date	Addresses of the Institution Where held	Theme of the seminar	Title of the paper presented / participated
1.	Conference	09.11.1994 to 12.11.1994	Department of Defence Research and Development and Ministry of Food Processing Industries	MICON international 94 & 35 th Annual Conference	Studies azotobacter..... environment
2.	Conference	16.01.1999 to 18.01.1999	Department of Botany, Osmania University, Hyderabad	Frontiers in fungal biotechnology and plant – pathogen relations	Effect of azotobacter....prawn species
3.	Conference	02.02.2001 to 04.02.2001	Nooral Isalm College of Engineering, Thuckalay, Kanyaumari District	Advanced Technologies in Fisheries and Maine Sciences	Participated
4.	Conference	12.05.2002 to 16.05.2002	Coastal Development Centre, Bangkok, Thailand	Improving the state of the coastal areas	Participated
5.	Conference	21.08.2006 to 24.08.2006	Maritime Institute of Malaysia, Kuala Lumpur, Malaysia	International conference and exhibition on mangroves of Indian and Western Pacific Oceans (ICEMAN)	Conservation and utilization of mangroves for the management of human diseases
6.	Colloquium	22.02.2009 to 26.02.2009	School of Bioscience, Alagappa University,	Emerging biotechnologies in agriculture animal health and	Participated

			Karaikudi	productivity	
7.	Conference	2-4. 9.2010	Faculty of Marine Sciences, Annamalai University, Portonovo	International conference on Aquatic Microbiology (Status, Challenges and Opportunities)	Participated and Presented
8.	Conference	7-10.8.2011	M.S. Swaminathan Research foundation, Chennai	International Conference on Mangrove for Coastal Area Management	Participated
9.	Programme		Ocean Conservancy, Chennai.	International Coastal Cleanup and advancing marine conservation by starting a sea change.	Participated and Delivered.
10.	Conference	07-09.4.2016	Alagappa University, Karaikudi	International conference on recent trends in Biosciences	Participated

4. 0. Seminars/ Meeting/ Presided over/ Addressed: 76

S. No	Name of Participation	Name of the Event	Date	Address of the Institution where held	Title of the guest lecturer
1.	Addressed	Seminar	26.02.01	S. T. Hindu College, Nagercoil.	Medicinal plants
2.	Addressed	Seminar	26.08.02 to 28.08.02	Manonmaniam Sundaranar University, ICAS. Nagercoil, Thirunelveli	Marine biodiversity

3.	Addressed	Seminar	17.10.02	Holy Cross College, Nagarcoil, Kanyakumari District	Conservation of plants
4.	Addressed	Seminar	01.10.04 to 03.10.04	Dept of Oceanography and CAS, Alagappa University, Thondi Campus	Ecological balance and Sethusamudram canal
5.	Addressed	Seminar	08.10.04	N.S.S. College for Women, Thiruvananthapuram	Environmental biology
6.	Addressed	Seminar	07.12.04 to 08.12.04	Indian System of Medicine, New Delhi	Herbo-mineral pharmaceutical products
7.	Addressed	Seminar	24.11.04 and 25.11.04	S.T.Hindu College, Nagercoil.	Marine resources
8.	Addressed	Seminar	15.12.04 and 16.12.04	Dept of Biology, Dr.Zakir Husain College, Ilaiyankudi, Sivagana dist	Medicinal plants in India
9.	Addressed	Workshop	25.05.05 to 29.05.05	Sri Ramachandra Mediceal College and Research Institute (DU), Chennai	Standardization of traditional Indian medicine for global acceptance as per WHO guidelines
10.	Addressed	Symposium	29.12.05 to 30.12.05	Sri Sankara Arts and Science College, Kanchipuram Dist.	Recent trends in microbial biotechnology
11.	Addressed	Faculty Development Programme	16.01.06 to 29.01.06	P. S. R. Engineering College, Seval patti, Sivakasi, Virudunagar District	Current trends and innovative techniques in biotechnology
12.	Addressed	Conference	17.02.06 to 18.02.06	Noorul Islam College of Arts and Sciences, Kumaracoil, Thuckalay,	National conference on frontiers in biotechnology and

				Kanyakumari District	molecular medicine
13.	Addressed	Lecture	22.02.06 to 23.02.06	Manonmaniam Sundaranar University, Abishekapatti, Thirunelveli	Marine pharmacology
14.	Addressed	Guest lecture	24.02.06	Manonmaniam Sundaranar University, Abishekapatti, Thirunelveli	Drugs from marine microbes
15.	Addressed	Guest lecture	06.01.09	Madurai Kamaraj University, Centre for Marine and Coastal Studies, Madurai	Molecular biology of marine organisms, marine genomics and marine bioactive natural products
16.	Addressed	Seminar	08.10.09 to 09.10.09	Udaya School of Engineering, Udaya Nagar, Ammandivilai, Kanyakumari District	Recent advances in biotechnology
17.	Addressed	Seminar	06.11.09 to 08.11.09	Department of Marine Biology, Karnatak University, Karwar.	Conservation of biodiversity and coastal aquaculture
18.	Addressed	Guest Speaker	31.08.09	Thassim Beevi Abdual Kader College for Women, Kilakarai, Ramnad dist.	Marine nano-biotechnology
19.	Addressed	Association meeting **	09.10.09	Thanthi Hands Rover College, Perambalur	A unique platforms for students to exchange the views on recent advances

					and significance microbiology
20.	Addressed	Seminar	26.11.09	Alagappa Govt Arts College.	Technology of organic farming for rural development
21.	Addressed	Guest Speaker	9.9.2010	Dr. Umayal Ramanathan Collge for Women, Karaikudi	Drugs from Marine Microbes
22.	Addressed	Invited Talk	9.10.2010	Department of Marine Sciences, Bharathidasan University, Trichy	Biodiversity of Marine Microorganisms
23.	Addressed	Invited Talk	08.10.2010	Centre for Marine Science and Technology, Manonmaniam Sundaranar University, Rajakkamangalam	Marine Herbal Medicine
24.	Addressed	Invited Talk	22.10.2010	Department of Microbiology, Periyar University, Salem	Biodiversity of extremophilic halobacteria for the development of environmental cleanup technologies
25.	Addressed	Invited Talk	28.01.2011	M.D.T. Hindu College, Tirunelveli	Standardisation protocol for the seaweed herbal medicines for the treatment of Malaria
26.	Addressed	Invited Talk	11.03.2011	Manonmaniam Sundaranar University, Tirunelveli	Effect of sand mining on Mangrove Biodiversity

27.	Addressed	Invited Talk	30&31 March 2011	S.T. Hindu College, Nagercoil	Marine Microbial Biodiversity-An Indian Perspectives
28.	Addressed	Invited Talk	18.05.2011	Bharathidasan University, Tiruchirappalli	Marine Drug discovery
29.	Addressed	Invited talk	25.11.2011	Bharathidasan University college for women, Orathanadu	Pollution threats to marine biodiversity
30.	Addressed	Invited Talk	26.1.2012	Bharathidasan University, Tiruchirappalli	Bioprospecting of sponge derived microorganisms for the development of Probiotics for the management of fish diseases
31.	Addressed	Invited talk	2.02.2012	P.R. Government Arts College (Autonomous) Kakinada, E.G. District. A.P.	Bioprospecting of halotolerant microorganisms along southern coast of India for the possible utility as food and medicine
32.	Addressed	Invited talk	07.02.2012	Kunthavai Nachiar Govt. Arts College for Women (Autonomous), Thanjavur	Marine Drug Discovery Technologies
33.	Addressed	Invited talk	23.02.2012	Department of Marine Science, Bharathidasan University, Trichy	Bioprospecting of sponge associated microorganisms for the management of fish diseases

34.	Addressed	Invited talk	27.02.2012	Department of Microbiology, Bharathidasan University, Trichy	Bioprospecting of marine resources for drug development
35.	Addressed	Inaugural address	29.02.2012	Department of Microbiology, Syed Hameedha Arts and Science College, kilakarai	Bio-Knowledge for better environment
36.	Symposium	Invited talk	19.03.2012	Noorul Islam College of Arts and Science, Nagercoil	Bioprospecting of sponge associated microorganisms for the management of malaria
37.	Conference	Plenary lecture	5.10.2012	Department of Botany, Bharathiyar University, Coimbatore	Antiinflammatory and Analgesic activity of chosen seaweeds from Palk Strait for the management of arthritis
38.	Seminar	Invited Talk	11.10.2012	Department of Zoology, Fatima College, Madurai	Man and Animal Conflicts
39.	Conference	Invited Talk	12.10.2012	Department of Botany, Pausmpon Muthuramalinga Thevar Memorial College, Kamuthi.	Conservation of Marine Biodiversity
40.	Conference	Invited Talk	11.9.2012	Department of Zoology, Pasumpon muthuramalingathevar Memorial College, Kamuthi	Conservation of Marine Biodiversity
41.	Conference	Invited Talk	23.03.2012	Department of Industrial Chemistry,	Water

				Alagappa University, Karaikudi	conservation
42.	Social Awareness	Invited Talk	13.12.2012	PWD, Madurai-Place: Melaikudi	Environmental Awareness
43.	Workshop	Invited Talk	12.12.2012	Department of Marine and Coastal Area studies, Madurai kamaraj University, Madurai.	Impacts of ocean Acidification on Marine Ecosystem.
44.	Conference	Invited talk	14.09.2012	CAS in Marine Biology, Annamalai University, Parangipettai.	Comparative Efficacy of marine and non marine plants for the possible treatment of asymptomatic WSSV in Prawns.
45.	Social Awareness	Invited Talk	18.12.2012	PWD, Madurai-Place Ekkakudi	Environmental Awareness
46.	Social Awareness	Invited Talk	19.12.2012	PWD, Madurai-Place Prabakkaloor	Environmental Awareness
47.	Social Awareness	Invited Talk	09.01.2013	PWD, Environmental Cell Sub Division, Madurai.	Environmental Awareness
48.	Social Awareness	Invited Talk	17.01.2013	PWD, Madurai-Place Pulvaikulam	Environmental Awareness
49.	Refresher course	Invited Talk	06.07.2013	Academic Staff College, Bharathidasan University, Trichy	Marine Drug Discovery Technologies
50.	Conference	Invited Talk	31.01.2013	Department of Chemistry, Scott Christian College, Nagercoil	Marine nanobiotechnology and Marine drug discovery Technologies
51.	Seminar	Invited Talk	05.03.2013	Department of Botany, govt. Arts College,	Recent Trends in Bioactive

				Karur.	Substances.
52.	Conference	Invited Talk	27.9.2013	Department of Zoology, Annamalai University, Chidambaram	Global warming-A wake up call to find newer drugs for human disease treatment
53.	Conference	Invited Talk	11.3.2013	Department of Biotechnology and Botany, Periyar University, Salem	Nano Marine Biotechnology
54.	Training Programme	Invited Talk	23.3.2013	Wild Life, Gulf of Mannar Marine National Park, Tuticorin	Mangrove Ecosystem
55.	Training Programme	Invited Talk	14.3.2013	Wild life, Gulf of Mannar Marine Biosphere, Ramanathapuram	Mangrove and Seagrass Ecosystem
56.	Refresher course	Invited Talk	13.03.2013	Department of Environmental Studies, Madurai Kamaraj University, Madurai	Marine Drug Development Technologies
57.	Awareness	Invited Talk	12.03.2013	Public Works Department, Madurai	Environmental Awareness
58.	Lecture	Invited Talk	23.04.2013	R.D. Government Arts College, Sivagangai.	The role of World Universities in the Development of Higher Education.
59.	Conference	Invited Talk	26.2.2013	Department of Microbiology, Bharathidasan University, Trichy	Microbial Research in South Indian Coasts
60.	Conference	Invited Talk	27.2.2013	Department of Botany, Govt. Arts College	Marine Drug Development

				(Autonomous), Karur	Strategies
61.	Workshop	Invited Talk	5.2.2013	Public Works Department, Madurai	Environmental Impact and Solutions
62.	Conference	Invited Talk	31.1.2013	Department of Chemistry, Scott Christian College, Nagercoil	Marine Nanobiotechnology and Marine Drug Discovery Technology
63.	Awareness programme**	Resource Person	21.09.2013	Department of Marine and Coastal studies, Marine Field Research station, Puthumadam.	Coastal Clean – Up drive at Ariyaman Beach/ Agnitheertham/ Seeniyappa Dharga Beach
64.	Refresher Course	Invited Talk	14.11.2013	School of Chemistry, Madurai Kamaraj University, Madurai.	Marine Halophytes- a marvelous nature for drug development.
65.	Seminar	Invited Talk	09 & 10 Dec, 2013	Department of Home Science, Gandhigram rural Institute, Gandhigram.	Marine Drug development process
66.	Awareness programme**	Invited Talk	03.03.2014	CAS in Marine Biology, Faculty of Marine Sciences, Annamalai university.	Employment prospects & Avenues for Entrepreneurship in Marine Sciences
67.	Seminar	Invited Talk & Chair person	20.02.2014 – 21.02.2014	Department of Microbiology, Periyar University, Salem.	Current Trends in Infectomics

68.	Social Awareness	Invited talk	05.12.2014	National Green Corps, Ramnad	Food Security
69.	Coastal Clean up – Awareness programme**	Resource person	19.09.2014	Department of marine and coastal studies, School of energy, Environment and natural resources, Madurai Kamaraj University.	Marin Debris and Coastal Clean up on Gulf of Mannar Region
70.	FDP Programme	Resource Person	17.02.2015	Mohamed Sathak Polytechnic College, Kilakarai.	Modern Technology for sustainable development from waste.
71.	National workshop on Ocean Acidification and Research	Resource Person	25-27.02.2015	Dept. of Marine and coastal studies, Madurai Kamaraj University, Madurai	Impacts of ocean acidification on marine drug development process
72.	Bioreources: Threats and Opportunities	Resource Person	18.03.2015	Dept. of Botany, Madura College, Madurai	Bioprospecting of Marine Resources- A Clean India Approach
73.	Awareness**	Resource Person	16.03.2016	Dept. of Biology, Sethupathy Government Arts College, Ramanathapuram	Carrier prospects in marine Science and Biology
74.	Management Committee Meeting	External Scientific Expert	30.03.3016	Mount Litzera Zee School, Paramakudi	-
75.	International Coastal Cleanup Day**	Organising Committee member	17.9.2016	Seeniyappa Dhargah Beach, School of Energy, Dept. of Marine and Coastal Studies, Pudhumadam,	Need for Cleaning the Coast

				M.K. University, Madurai	
76.	Refresher Course	Invited Talk	12.11.2016	Academic Staff College, Bharathidasan University, Tiruchirappalli	Drugs from the Ocean

Others

1. Articles published in Newspapers / Magazines : 10
2. Products developed :
 - Developed Seagrass vermicompost from seagrass vermicompost by using salt tolerant earthworm to be used as biofertiliser for mangroves and coastal crop plants
 - Developed technology for the biofuel ethanol production from seagrass biowastes
 - Developed a technology for the extraction of bioactive principles and their chemical classes for the treatment of Malaria, Dengue, Liver damage, Diabetes, Cancer, fish diseases
 - Identified a antimalarial bio-chemical leads from native Indian seaweed *Caulerpa toxifolia*
3. No. of PhD Thesis evaluated : 35
4. No. of PhD Public Viva Voce Examination conducted : 35

S. No	Position	Name of the candidate	Title of the Thesis	Place held	Date of public viva
	External Examiner	G. Seghal Kiran	Development of novel biosurfactants from marine actinobacteria process optimisation <i>in vitro</i> evaluation and molecular analysis	Dept. Of Biotechnology	30 th September, 2009

	Convener	V. Meenakshi	Studies on the physiological and Environmental status of <i>Crotalaria juncea</i> .L. in the Gundaru River basin using Digital imageries	School of Energy, M.K. University, Madurai	27 th October 2010
	External Examiner	J. Rajasekar	Screening and Development of Antimicrobial agents of marine animal origin for disease free ornamental fish culture	Faculty of Marine Sciences, Annamalai University, Portonovo	11 th August 2011
	External Examiner	J. Sivakumar	Biodiversity of mangrove actinomycetes and their possible utility for antimicrobial nanoparticles and probiotics	Department of Marine Sciences, Bharathidasan University, Trichy	13 th January 2012
	External Examiner	S. Ananthi	Bioassay guided analysis of <i>Turbanaria ornata</i> a brown seaweed in the mitigation of inflammatory conditions	Dept. Of Biotechnology, Attuvampatti, Mother Teresa Womens University, Kodaikanal	13 th March 2012
	External Examiner	V. Gomathi	Studies on thraustochytrids isolated from mangrove biotope	Faculty of Marine Sciences, Annamalai University, Parangipettai	2012
	External Examiner	P. Senthilraja	Genomic and proteomic studies on marine yeasts derived from mangrove biotope	Faculty of Marine Sciences, Annamalai University, Parangipettai	2012
	External Examiner	M. Senthilamudhan	Studies on biopotential of <i>Areca catechu</i> seed extract	Department of Siddha Medicine, Tamil University, Thanjavur	2012
	External Examiner	K. Moorthikumar	Studies on the Impact of heavy metal Nickel	Department of zoology, DDE, Annamalai University.	2012

			Chloride on Fresh water fish <i>Labeo rohita</i> (Hamilton)		
	External Examiner	N. Ramesh	Prevalence of CTX-M-Type extended spectrum B-lactamase producing gram negative bacteria in Major cities of Tamilnadu.	Department of Microbiology, Bharathidasan University, Tiruchirapalli.	2012
	External Examiner	Ms. R. Jayalakshmi	Numerical characterisation of DNA sequences and its application in alignment free sequence comparison	Department of Biotechnology, Bharathidasan University, Tiruchirappalli	2013
	External Examiner	H. Prabhavathy		Department of Botany, S.T. Hindu College, Nagercoil	2013
	External Examiner	W.A. Manjusha	Study on sponge associated microbial diversity, phylogenetic relationship and screening of bioactive compounds from selected sponges	Centre for Marine Science and Technology, Rajakkamangalam	2013
	External Examiner	B. Ezhilan	Pharmacognostical, phytochemical and bioactivity studies on some species of <i>Polygonum</i> Linn	Department of Botany, S.T. Hindu College, Nagercoil	2013
	External Examiner	I. Abdul Kafur	Isolation, Screening and Molecular characterization of antibiotic producing endophytic actinomycetes from <i>Catharanthus</i>	Department of Ecology and Environment, Pondicherry University	2013

			roseus (L.) G. Don		
External Examiner	S. Beschi Antony Rayan	Impact of anthropogenic activities on the coastal ecosystem of Kanyakumari district	Department of Botany, St. Xaviers College, Palayamkottai	2013	
External Examiner	K. Saravanakumar	Studies on mangrove derived fungi (<i>Trichoderma</i> spp.) and their biotechnological applications.	Faculty of Marine Sciences, Centre for Advanced Study in Marine Biology, Annamalai University, Parangipettai	2013	
External examiner	N.S. Sampathkumar	Antioxidant peptides and collagen from two marine fishes <i>Magalaspis cordyla</i> and <i>Otolithus ruber</i>	Department of Biotechnology, School of Engineering, Faculty of Engineering and Technology, SRM university, Kattankulathur	2013	
External Examiner	P. Parthiban	An investigation on histological, hematological, Biochemical and genomic changes in freshwater fingerlings <i>Cirrhinus mrgala</i> intoxicated with Nickel Chloride	Department of Zoology, Annamalai University, Annamalai Nagar	2013	
External Examiner	G. Solaraj	Airbone fine Particle-Phase Polycyclic Aromatic Hydrocarbons in urban Chennai And Tiruchirapalli	Department of Environment Management, Bharathidasan University, Tiruchirapalli.	2013	
External Examiner	K. S. Abbirami	Validation of Coir Pith incorporated tropical Artificial soil be Ecotoxicological studies on <i>Eisenia Foetida</i> against the Inorganic Fertilizers Urea,	Zoology Wing, DDE, Annamalai University.	2013	

			Superphosphate and Potash		
	External Examiner	R. Janet Rani	Studies on the diversity of therapeutic potential of selected Seaweeds in the southeast coast of Tamilnadu, India.	Manonmaniam Sundaranar University, Abishekapatti, Tirunelveli.	2014
	External Examiner	X. Baskaran	DNA sequencing, micropropagation and pharmacological evaluation of <i>Pteris tripartite</i> Sw. – a critically endangered fern	Department of Botany, St. Josephs College (Autonomous), Trichirapalli.	2014
	Synopsis Viva-voce examiner	D. Vijayan	Cyanobacterial diversity and molecular characterization of group I Self-splicing intron.	Department of Microbiology, Bharathidasan University, Tiruchirapalli.	2014
	External Examiner	T. Kathiravan	Studies on <i>Staphylococcus</i> species from coastal waters: Antioxidant and Anticancer activities of <i>Staphylococcal</i> Hyaluronidase.	CAS in Marine Biology, Annamalai University, Parangipettai.	2014
	External examiner	V. Shanmuga Arasu	Studies on physicochemical and microbial aspects of an integrated mangrove – Aquaculture system for better fish growth (<i>Lates calalifer</i>) (Bloch, 1790)	CAS in Marine Biology, Parangipettai.	2014
	External examiner	K. Senthil kumar	Population, Feeding habit, Behavior and Habitat Selection of Endangered	Zoology wing, DDE, Annamalai university.	2014

			grizzled giant Squirrel (Ratufa Macroura) in South India		
	External Examiner	A. Harry Thomas Rodrguez	Bioprofiling of <i>Triticum aestivum</i> . L in the prevention and Management of Type II Diabetes Mellitus	St. Xavier's College, Palayamkottai.	2015
	External Examiner	G. Ambedkar	An assessment of metals accumulation and physicochemical parameters of selected rivers and lakes in and around Cuddalore district, Tamil Nadu, India.	Dept. of Zoology, Annamalai University, Chidambaram	2015
	External Examiner	G. Marichamy	Effect of PUFA rich marine edible fish <i>E. Tetradactylom</i> (Shaw, 1804) on carotid atheleroschelerosis, endothelial dysfunction and platlet dysfunction in Type 2 diabets mellitus patients.	Faculty of Marine Sciences, Annamalai University, Parangipettai	2015
	External Examiner	M. Mariappan	Comparative toxicity of individual and co-action of Cu and Cd on a fish model <i>Cyprinus carpio</i> .	Dept. of Zoology, Annamalai University, Chidambaram	2015
	External Examiner	A. Parveez Ahamed	Screening and Characterisation of bioactive metabolite with anti-ESBL isolates, antioxidant and anticancer properties from <i>Oscillatoria acuminata</i>	Department of Microbiology, Bharathidasan University, Tiruchirapalli.	2015

			NTAPC05		
External Examiner	S. Thangapandian	In vitro antibacterial and cytotoxic studies of fabricated silver nanoparticles	Research Department of Zoology, VHNSN College (Autonomous), Virudunagar	2016	
External Examiner	L. Ashokkumar	Actinobacteria mediated synthesis of fibrinolytic enzyme and its biomedical applications	Dept. Of Microbiology, Periyar University, Salem	2017	
External Examiner	R.Kalaivani	Synthesis of nanoparticles from some marine organisms of the Gulf of Mannar region, Southeast Coast of India	Dept. Of Marine and Coastal Studies, Madurai Kamaraj University, School of Energy, Madurai	2017	

5. Sequences submitted in GenBank: 16s and 18s rRNA gene partial Sequence of halotolerant organisms deposited in NCBI: 49

S.No	Source of Organisms	Authors	Accession No.	Date of Deposit
1.	<i>Actinobacterium</i> ACT1	S. Ravikumar, M. Fredimoses, S. Jacob Inbaneson	GQ 478246	10 th August 2009
2.	<i>Streptomyces sp.</i>	S. Ravikumar, M. Fredi Moses, P. Suganthi	GQ 478247	11 th August 2009
3.	<i>Actinobacterium</i> ACT3	S. Ravikumar, M. Fredi Moses, M. Syed Ali	GQ 478248	11 th August 2009
4.	<i>Streptomyces sp</i> ACT4	S. Ravikumar, M. Fredimoses, M. Gnanadesigan	GQ 478249	11 th August 2009
5.	<i>Actinobacterium</i> ACT5	S. Ravikumar, M. Fredimoses, A. Kalaiarasai	GQ 478250	11 th August 2009

6.	<i>Bacillus thuringensis</i>	R. Sengottuvel, S. Ravikumar, C. Nithya, S. Karuthapandian	FJ 236808	25 th September 2008
7.	<i>Bacillus pumilus</i>	R. Sengottuvel, S. Ravikumar, C. Nithya and S. Karuthapandian	FJ 236809	25 th September 2008
8.	<i>Bacterium sps</i>	S. Ravikumar, S. Jacob Inbaneson	GU269569	December, 2009
9.	<i>Streptomyces sps.</i>	S. Ravikumar, S. Jacob Inbaneson, K. Kathiresan	GU269570	December 2009
10.	<i>Bacillus licheniformis</i>	S. Ravikumar, M. Uthiraselvam	GU339392	December 2009
11.	<i>Alcanivorax dieselolei</i>	S. Ravikumar, M. Uthiraselvam	GU339393	December 2009
12.	<i>Exiguobacterium sps.</i>	S. Ravikumar, M. Uthiraselvam	GU339394	December 2009
13.	<i>Providencia sp</i>	S. Ravikumar, M. Uthiraselvam and E. Rajabudeen	1343923	April 2010
14	<i>Bacillus sp.RSBAUOCAS0003B</i>	S. Ravikumar, M.Syed Ali and J.R. Bhatt	HM 641039	August 2010
15	<i>Photobacterium sp. RSBAUOCAS0005B</i>	S. Ravikumar, M. Syed Ali and J.R. Bhatt	HM 641040	August 2010
16	<i>Bacillus sp. RSBAUOCAS0007B</i>	S. Ravikumar, M. Syed Ali and J.R. Bhatt	HM 641041	August 2010
17	<i>Serratia sp RSBAUOCAS 0008B</i>	S. Ravikumar, M. Syed Ali and J.R. Bhatt	HM 6410421	August 2010
18	<i>Bacillus sp. RSBAUOCAS 0010B</i>	S. Ravikumar, M. Syed Ali and J.R. Bhatt	HM 641043	August 2010
19	<i>Bacillus megaterium strain RSBAUOCAS0012B</i>	S. Ravikumar, M. Syed Ali and J.R. Bhatt	HM 641044	August 2010

20	<i>Bacillus sp.</i> <i>RSBAUOCAS0013B</i>	S. Ravikumar, M. Syed Ali and J.R. Bhatt	HM 641045	August 2010
21	<i>Xanthomonas sp.</i> <i>RSBAUOCAS0009B</i>	S. Ravikumar, M. Syed Ali and J.R. Bhatt	HM 641046	August 2010
22	<i>Streptomyces sp.</i> <i>RSBAUOCAS0001A</i>	S. Ravikumar, M. Syed Ali and J.R. Bhatt	HM 641047	August 2010
23	<i>Streptomyces sp.</i> <i>RSBAUOCAS0002A</i>	S. Ravikumar, M. Syed Ali and J.R. Bhatt	HM 641048	August 2010
24	<i>Streptomyces sp.</i> <i>RSBAUOCAS0003A</i>	S. Ravikumar, M. Syed Ali and J.R. Bhatt	HM 641049	August 2010
25	<i>Streptomyces sp.</i> <i>RSBAUOCAS 0004A</i>	S. Ravikumar, M. Syed Ali and J.R. Bhatt	HM 641050	August 2010
26	<i>Acinetobacter sp.</i> <i>RPAUOCAS0101</i>	S. Ravikumar, G. Palaniselvam, A. Basu Sarkar and D. Murugan	HM 755939	August 2010
27	<i>Bacillus sp.</i> <i>RPAUOCAS 0102</i>	S. Ravikumar, G. Palaniselvam, A. Basu Sarkar and D. Murugan	HM 755940	August 2010
28	<i>Acinetobacter sp.</i> <i>RPAUOCAS0103</i>	S. Ravikumar, G. Palaniselvam, A. Basu Sarkar and D. Murugan	HM 755941	August 2010
29	<i>Oceanobacillus sp.</i> <i>ARRCAS001</i>	T.T. Ajit Kumar, S. Rajasekar and S. Ravikumar	HQ 141379	September 2010
30	<i>Bacillus sps.</i> <i>ARRCAS002</i>	T.T. Ajithkumar, S. Rajasekar and S. Ravikumar	HQ 141 380	September 2010
31	<i>Bacillus sps.</i> <i>ARRCAS003</i>	T.T. Ajithkumar, S. Rajasekar and S. Ravikumar	HQ 141381	September 2010
32.	<i>Endophytic bacterium</i> <i>ARRCAS004</i>	T.T. Ajithkumar, S. Rajasekar and S. Ravikumar	HQ 141382	September 2010

33.	<i>Bacillus</i> sps. <i>ARRCAS005</i>	T.T. Ajithkumar, S. Rajasekar and S. Ravikumar	HQ 141383	September 2010
34	<i>Pontodrilus litoralis</i>	S. Ravikumar, A. Kalaiaarasi	GU 931690	April 2010
35	<i>Streptomyces</i> sps.	S. Ravikumar, P. Suganthi	GU 815240	February 2010
36	<i>Streptomyces scabi</i>	S. Ravikumar, P. Suganthi	GU 815241	February 2010
37	<i>Bacillus</i> sps. <i>RPAUTHB131</i>	S. Ravikumar and G. Palaniselvan	JN 083779	August 2011
38	<i>Aspergillus</i> sps. <i>SRAUF2</i>	S. Ravikumar, K. Selvanathan, A. Saravanan, S. Muthumari, N. Monisha and V. Brintha	JN 083781	August 2011
39	<i>Streptomyces</i> sps <i>SRAUA1</i>	S. Ravikumar, K. Selvanathan, A. Saravanan, S. Muthumari, N. Monisha and V. Brintha	JN 083780	August 2011
40	<i>Bacillus</i> sps. <i>RPAUOCAS1</i>	S. Ravikumar, G. Palaniselvam and P. Suganthi	JF899538	September 2011
41	<i>Bacillus</i> sps. <i>RPAUOCAS2</i>	S. Ravikumar, G. Palaniselvam and P. Suganthi	JF 899539	September 2011
42	<i>Bacillus</i> sps. <i>RPAUOCAS3</i>	S. Ravikumar, G. Palaniselvam and P. Suganthi	JF 899540	September 2011
43	<i>Bacillus</i> sps. <i>RPAUOCAS4</i>	S. Ravikumar, G. Palaniselvam and P. Suganthi	JF 899541	September 2011
44	<i>Bacillus</i> sps.	S. Ravikumar, G. Palaniselvam and P.	JF 899542	September 2011

	<i>RPAUOCAS5</i>	Suganthi		
45	<i>Bacillus</i> sps. <i>RPAUOCAS6</i>	S. Ravikumar, G. Palaniselvam and P. Suganthi	JF 899543	September 2011
46	<i>Candida tropicalis</i> <i>RGAUOCAS1</i>	S. Ravikumar and R. Gokulakrishnan	JF 922862	December 2011
47	<i>Candida tropicalis</i> <i>RGAUOCAS2</i>	S. Ravikumar and R. Gokulakrishnan	JF 922863	December 2011
48	<i>Candida tropicalis</i> <i>RGAUOCAS3</i>	S. Ravikumar and R. Gokulakrishnan	JF 922864	December 2011
49	<i>Candida tropicalis</i> <i>RGAUOCAS4</i>	S. Ravikumar and R. Gokulakrishnan	JF 922865	December 2011

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2. Gnanadesigan, M. **S. Ravikumar** and M. Anand, (2016). Hepatoprotective activity of *Ceriops decandra* (Griff.) Ding Hou mangrove plant against CCl₄ induced liver damage. Journal of Taibah University for Science. <http://dx.doi.org/10.1016/j.jtusci.2016.07.004>. (ISSN:1658-3655).1-34. Online first. **Impact Factor 2.4092**
3. Sowmya, R, S. Prasannakumar, P. Deepak, R. Ramkumar, G. Balasubramani, D. Aiswarya, P. Peerumal and **S. Ravikumar**, (2016). In vitro antiplasmodial activity of native Indian seaweed *Sargassum* sp. 9(2):101-106 (ISSN: 0974-2441)
4. N. Chandralekha, S. Prasannakumar, J. Margaret Beula, C. Christina, S. Asmathu Fatima, N. Jeyaraj and **S. Ravikumar** (2015). Marine plants are the source of lead compounds for better alternative drug for the treatment of kidney stones. International journal of current research in biosciences and plant biology, 2(1): 56-60. (ISSN: 2349-8080)
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