



Dr. C. GOVINDASAMY
Professor

Contact

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Academic Qualifications: M.Sc., M.Phil., Ph.D., PGDEE., FAZ.

M.Sc. Marine Biology and Oceanography
M.Phil. Marine Biology and Oceanography
Ph.D. Marine Biology
PGDEE. Post Graduate Diploma and Ecology and Environment
FAZ. Fellow of Academy of Zoology

Teaching Experience: 18 Years, 09 Years in our University

Research Experience: 20 Years, 19 Years in our University

Additional Responsibilities

From **13.05.2008- 20.01.2011** as Reader and Head in-Charge in the Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Alagappa University, Thondi Campus – 623 409.

From **21.01.2011- 25.11.2013** as Associate Professor and Head in-Charge in Marine Biology to teach and guiding the PGs Students (I, II M.Sc, M.Phil. and Ph.D., Marine Biology) Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Alagappa University, Thondi Campus - 623 409.

From **13.08.2008 - till date Chairperson** in Charge in the, Department of Oceanography and Coastal Area Studies and Centre for Marine Microbial Technology, School of Marine Sciences Alagappa University, Thondi Campus - 623 409.

From **18.06.2008 – 04.11.2012** as Director in-Charge in the Evening College of Arts and Sciences, Alagappa University, Thondi Centre, Thondi – 623 409.

Areas of Research

Ecology, Biodiversity and Coastal Zone Management

Research Supervision / Guidance

Program of Study		Completed	Ongoing
Research	Ph.D.	02	05
	M.Phil.	02	--
Project	PG	25	01

Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
24	19	39	55	16

All Since 2012

Cumulative Impact Factor (as per JCR)	:	337	272
h-index	:	10	08
i10 index	:	12	07

Project Work/Research

Two Years (1988-1990) as Research Fellow in the Research Project “*Biological Monitoring of the Heavy Metals in the Bay of Bengal Using Seaweeds as a Tool*” Sponsored by the Department of Ocean Development (DOD), **Government of India** at the Centre of Advanced Study in Marine Biology, Annamalai University.

Ph.D., Research Scholar (1991) in the Research area of “*Coromandel Coast of India - a Study on Hydrobiology and Heavy Metals*” at the Centre of Advanced Study in Marine Biology, Annamalai University.

PGDDE Project Report on “*Heavy Metals in Water and Zooplankton from Pondicherry Coast*” Submitted to **the Indian Institute of Ecology and Environment (IIE &E)**, New Delhi, India, 1992.

Five Years (03.08.1995- 01.09.2000) as Research Associateship in the Research Project “*Impact of Industrial Pollution on the Species Composition of Inter-tidal Zone of Coastal Tamil Nadu*” Sponsored by the Central Scientific and Industrial Research (CSIR), Department of Zoology, **University of Madras**, Guindy Campus, Madras -25. Award No: 9/ 115 (352)/ 1995-EMR- I; dated: 13.07.1995.

Two Years (12.08.2002-31.12.2004) as Research Associateship in the Research Project “*Biology, Biodiversity and Genetic Differentiation in Artemia Populations of Indian Sub-continent*” Sponsored by the **Department of Ocean Development (DOD)**, Department of Zoology, University of Madras, Guindy Campus, Chennai -25. Award No: DOD/ 11-MRDF/ 4/1 /UNI/97(P-8).

From 06.08.2005- 19.01.2008 as Lecturer and Curriculum development Staff in Zoology in the Research areas of “*Biology, Biodiversity and Bio-monitoring of Industrial Pollution and their Management aspects*”, Department of Zoology, **Thiruvalluvar University**, Fort Campus, Vellore-4.

From 21.01.2008- till date as Reader, Associate Professor and Professor in Oceanography in the Research areas of “*Ecology, Biodiversity and Coastal Zone Management*”, Department Oceanography and Coastal Area Studies, **Alagappa University**, Karaikudi -3.

By Administrative Experience

From **13.05.2008- 20.01.2011** as Chairperson, Reader and Head in-Charge in the Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Alagappa University, Thondi Campus – 623 409.

From **21.01.2011- 25.11.2013** as Chairperson, Associate Professor and Head in-Charge in Marine Biology to teach and guiding the PGs Students (I, II M.Sc, M.Phil. and Ph.D., Marine Biology) Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Alagappa University, Thondi Campus - 623 409.

From 21.01.2014 – **till date** as Professor in the, Department of Oceanography and Coastal Area Studies and Centre for Marine Microbial Technology, School of Marine Sciences Alagappa University, Thondi Campus - 623 409.

From **18.06.2008 – 04.11.2012** as Director in-Charge in the Evening College of Arts and Sciences, Alagappa University, Thondi Centre, Thondi – 623 409.

Contribution to Educational Innovation, Design of New Courses Curricula

A. Academic Awards and Honours

1. Recipient, National Merit Scholarship: Government of Tamilnadu, Secondary School Education (8th Standard - +2 levels, from May 1977 to March 1980). Government Higher Secondary School, Kaveripattanam, Krishnagiri District.
2. Research Fellow: Department of Ocean Development (DOD), Government of India (February 1988 – April 1992).
3. Project Fellow: Department of Ocean Development, Government of India at the Central Electrochemical Research Institute (CECRI), (GAP- 05/ 90) (May 1995 - July 1995).
4. Research Associateship: Central Scientific and Industrial Research (CSIR), Government of India (August 1995 - September 2000).
5. Research Associateship: Department of Ocean Development (DOD), Government of India. (August 2002 – December 2004).
6. Member, Board of Studies in School of Marine Sciences, Department of Oceanography and Coastal Area Studies, Alagappa University, Karaikudi (2008-2011).
7. Member, Board of Studies in School of Marine Sciences, Centre for Microbial Technology, Alagappa University, Karaikudi (17.12.2008 onwards).

8. Member, Board of Studies in School of Marine Sciences, Centre for Marine Pharmacology, Alagappa University, Karaikudi (17.12.2008 onwards).
9. Member, Board of Studies in School of Marine Sciences, Centre for Marine Geology, Alagappa University, Karaikudi (17.12.2008 onwards).
10. Member, Academic and External Affairs Committee in Alagappa University, Karaikudi (2008 onwards).
11. Chairman, Post Graduate Examination Board, (M.Sc., Oceanography and Coastal Area Studies) School of Marine Sciences, Department of Oceanography and Coastal Area Studies, Alagappa University, Karaikudi (13.5.2008 onwards).
12. Chairman, Post Graduate Examination Board, (M.Sc., Marine Biology) School of Marine Sciences, Department of Oceanography and Coastal Area Studies, Alagappa University, Karaikudi (1.6.2009 onwards).
13. Chairman, M. Phil., Examination Board, School of Marine Sciences, Department of Oceanography and Coastal Area Studies, Alagappa University, Karaikudi (13.5.2008 onwards).
14. Member, Standing Committee on Academic affairs, Alagappa University, Karaikudi (13.5.2008 onwards).
15. Member, Co- organizing Secretary for the conduct of International Colloquium on *"Emerging Biotechnologies in Agriculture, Animal Health and productivity"* (ICEB' 09), Alagappa University 23-27 February 2009.
16. அமர்வு ஒருங்கிணைப்பாளர்- தமிழக அறிவியல் பேரவை, ஒன்பதாம் கருத்தரங்கம் அழகப்பா பல்கலைக் கழகம் காரைக்குடி - 630 003. செப்டம்பர் 11-13: 2009.
17. Member, Co- organizing Secretary for the conduct of National Seminar on *"Emerging Biotechnologies in Agriculture, Animal Health and productivity"* (ICEB' 09), Alagappa University 23-27 February 2009.
18. Research Associateship: Central Scientific and Industrial Research (CSIR), Government of India (August 1995 - September 2000).
19. The **Best Citizens of India Award 2012**, Awarded by, The International Publishing House, New Delhi - 110 001. The world's Most Leading Biographical Specialist in India.

Extension Work/ Community Service

Please give a short account of your contribution to

- i. Community work such as values of National integration, secularism, democracy, socialism, humanism, peace, scientific temper, in flood or, drought relief, small family norms etc.
- Creating awareness on regional, national and international problems among students.
 - Imparting knowledge to students on current issues of coastal and marine biodiversity.
 - Guiding students for value added education
 - Kindling religious interest in students to maintain humanism and peace
 - Organizing/ delivering special lectures to students for promoting scientific temper
 - Meeting the students along with their parents periodically to help and guide them for their progress and career development.

In addition, awareness on Global warming, Climatic Change and Sea level rise was made through guest lectures and awareness programmes, to various College and School students, NGOs, actively involved in the environmental conservation and management.

After tsunami, actively involved in serving the coastal people for earning their livelihood.

National Literacy Mission

- Acted as a resource person in “**Seshaiya Night School**” Centre of Advanced Study in Marine Biology, Annamalai University and conducted classes for economically and socially poor people living along the coastal belt of Parangipettai.
- Motivating students for active participation in Adult Education, Formal Education, Health, Hygiene and Sex Education
- Position held/ Leadership role played in organizations liked with extension work and NCC National Cadet Certificates, A, b and C, National Service Scheme (NSS) or Armeey or any other similar activity.

Participation in Corporate Life

Please give a short account of your contribution to:

a. School/ College/ University/ Institutions

- i. Frequently lecturer and advice has been given to a leading hand gloves preparing company in Hosur, Krishnagiri Dist.
- ii. Assistance has been rendered to various affiliated colleges (University of Madras, Thiruvalluvar University and Alagappa University) to improve the curriculum at UG and PG levels and also encouraged the teachers and motivated the students and teachers to actively involved in research and teaching.

b. Co-curricular Activities

Students are motivated by evening discussions to appear for CSIR/ TNPSC/ NET/ GATE/ARS/ UPSC examinations including IAS/ IFS and other competitive tests.

c. Enrichment of Campus Life

(Hostels, sports, games, cultural activities)

Houses for rent are arranged for students coming from other districts every year and proper guidance is also given to them for their field work.

d. Students' Welfare and Discipline

Personal discussion with students to redress their problems, career development and job opportunities counselling and arranging financial assistance for weaker students in our Village and School Students.

Funded Research Projects

Completed Projects

S. No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1.	TNSCST	2006	2017	"Studies on the Biology and Biodiversity of Amirthi forest Ecosystem, Vellore-Conservation and Management of Biodiversity in Amirthi forest Ecosystem, Vellore"	0.50
2	TNSCST	2006	2017	"Studies on the Biology and Biodiversity of Amirthi forest Ecosystem, Vellore" "Conservation and Management of	0.50

				Biodiversity in Amirthi forest Ecosystem, Vellore”	
3.	UGC	2009	2013	“Intensive Survey and Inventorisation of Seagrasses Biodiversity in Palk Bay, Bay of Bengal”	9.38

Events organized in leading roles

Number of Seminars / Conferences / Workshops / Events organized:

International

1. Organizing Co- Committee Member, for conduct the an International Workshop cum Seminar on **“Advances in Modern Biotechnology and Molecular Techniques in Veterinary Parasitological: Diagnosis, Chemotherapy and Control”** organized by the School of Biotechnology, Animal Health and Management and Marine Sciences, Alagappa University, Karaikudi, Tamilnadu on 17th - 21st March 2008.
2. Member, Co- organizing Secretary for the conduct of “International Colloquium on **“Emerging Biotechnologies in Agriculture, Animal Health and productivity (ICEB’ 09),** organized by Alagappa University, Karaikudi, Tamilnadu on 23-27 February 2009.

National

1. Conducted Training programme on **“Special Techniques in Sericulture”** Sponsored by the Tamilnadu State Council for Science and Technology (TNSCST), Department of Zoology, Thiruvalluvar University, Fort Campus, **Vellore**, Tamilnadu. Award No: TNSCST/ Biological Sciences/ 4/1 /UNI/97(P-8; BS- 8) dated: 6.8.2006.
2. Member, **Standing Committee on Academic Affairs**, Alagappa University, Karaikudi (13.5.2008 on words).
3. Organizing Secretary - Conducted Seminal on **“National Seminar on Current Trends and Future Prospects of Nanomarine Sciences”** Sponsored by the Tamilnadu State Council for Higher Education (TNSCHE), and organized by School of Marine Sciences, Department of Oceanography and Coastal Area Studies, Alagappa University, Karaikudi, Tamilnadu on March 25th and 26th 2009.
4. Organizing Secretary - Conducted the conference on **“National Conference on Global Warming - Now and Than”** organized by the School of Marine Sciences, Department of Oceanography and Coastal Area Studies, Alagappa University, Karaikudi, Tamilnadu on March 18th and 19th 2010.
5. Convenor for conducted the Environmental programme on **“Mangrove Plantation and Environmental Protection”** organized by the Alagappa University Environment Club and School of Marine Sciences, Alagappa University, Thondi Campus, Thondi on 16th March 2010.

6. Organizing Committee Member, for conduct the South Zone Vice Chancellors' Conference, 2010 on "***Climate Change, Energy, Environment and Global Impact- Role of Higher Education Institutions***" organized by Alagappa University, Karaikudi and Association of Indian Universities, New Delhi on 16th and 17th June 2010.
7. Organizing Committee for conducted the Environmental programme on "***World Maritime Week Celebrations - 2010 (Seminar and Competitions)***" organized by the School of Marine Sciences, Alagappa University, Thondi Campus, **Thondi** on 29 September 2010.
8. Organizing Committee for conducted the Environmental programme on "***World Ocean Day Celebrations - 2011 (Seminar and Competitions)***" organized by the School of Marine Sciences, Alagappa University, Thondi Campus, **Thondi** on 9th August 2011.
9. Organizing Secretary for conducted the State level seminar on "***Sensitive Coastal Ecosystems***" 2015" organized by the Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Alagappa University, Thondi Campus, on 11th December 2015.

Events Participated (optional)

Special Workshop/ Training Undergone (National and International)

1. Workshop/ Training Course on "Quantitative Methods in Ecology" Organized by the Department of Zoology, University of Delhi, **Delhi**, 27 December 1995 to 6 January 1996.
2. Workshop/ Conference on Present Status of Analysis of Trace/ Metals and Nutrients in Marine Environment, Organized by the Regional Research Laboratory (CSIR) and Department of Ocean Development, **Trivandrum** - January 8 - 13, 1996.
3. "Workshop cum on Bioethics" at the Department of Zoology, University of Madras, Guindy Campus, **Chennai**, January 16 - 19, 1997.
4. Awareness Programme on "Remote Sensing Applications in Marine Sciences" Organized by the Institute for Ocean Management, Anna University, **Chennai**, September 21 and 22, 1998.
5. "Workshop on Forestry, Forest Products and Coastal Population" Organised by the Institute of Wood Science and Technology (Indian Council of Forestry Research and Education), **Chennai**, February 10 - 12, 1999.
6. Training course on "Environment Friendly Technologies for Sustainable Development in Indian Context" conducted by Anna University, **Chennai**, March 27 and 28, 1999.
7. National Seminar cum Workshop on "Environmental Biotechnology" Organised by the Swaminathan Research Foundation, Taranani Campus, **Chennai**, November 12 -14, 2004.

8. National Seminar cum Workshop on “Aquaculture Biotechnology” conducted by Post Graduate Department of Zoology and Research Centre, Sree Narayanna College, Kannur, **Kerala**, January 5 - 7, 2005.
9. Training course on “Intellectual Property Rights: Some Issues” conducted by Department of Economics, Thiruvalluvar University, **Vellore**, October 14 -15, 2005.
10. “Workshop cum on Bioethics” at the Department of Zoology, University of Madras, Guindy Campus, **Chennai**, January 16 - 19, 1997.
11. International Workshop cum Seminar on “Advances in Modern Biotechnology and Molecular Techniques in Veterinary Parasitological: Diagnosis, Chemotherapy and Control” organized by the School of Biotechnology, Animal Health and Management and Marine Sciences, Alagappa University, Karaikudi on 17th - 21st March 2008.
12. “Workshop on “Application of Confocal Microscopic Techniques in Animal Health Management, (ACAH 2010)” conducted by Department of Animal Health and Management, Alagappa University, Karaikudi on 29-30, March 2010.
13. National Symposium and Hands on Training on “Recent trends in Bioinformatics and Molecular Modelling” Organized by the Centre of Advanced Study in Crystallography and Biophysics, University of Madras, Guindy Campus, **Chennai**, July 30th and August 1st 2010.
14. “Workshop on Advances in Computer Aided Drug Design” Organized by the Centre of Advanced Study in Crystallography and Biophysics, University of Madras, Guindy Campus, **Chennai**, 30th-July 2010, 1st August 2010 and 2 to 4th August 2010.

Seminars/ Symposia/ Conferences Presentations and Participations

A. National

1. “National Seminar on Indian Chlorophyceae, their Utilization and Culture-“Seagrasses of the Palk Bay- a tool for Biological Monitoring of Heavy Metals” at the Central Marine Fisheries Research Institute (CMFRI), Mandapam, March 5, 1989.
2. Second All India Tamil Congress on “Kadalval Urierieal Ueyar Aeivu” Tamil University, Thanjavur 7-8 October 1989
3. “National Seminar on Aquatic Pollution - Strategies for Prevention and Management-Accumulation of Trace metals (Mn, Fe, Cu and Zn) in Seaweeds of Tamilnadu Coast” at the Department of Aquatic Biology and Fisheries, University of Kerala, Trivandrum, December 18-20, 1989.
4. “National Seminar of Recent Advances in Coastal Marine Science-Mercury Concentration in some Seaweeds of the Bay of Bengal” at the Ocean Data Center, Center for Water Resources, Anna University, Madras, July 9-11, 1990.

5. "National Seminar on Aquaculture Development in India-Problems and Prospects- Mass Culture of Zooplankton in the Laboratory" at the Department of Aquatic Biology and Fisheries, University of Kerala, Trivandrum, November 27-29, 1990.
6. "All India Symposium on Algae in Human Affairs and Environment- "Distribution of Cadmium of Some Seaweeds of the Bay of Bengal" at A. V. V. M. Sri Pushpam College, Poondi, Thanjavur, Tamilnadu, February 21-23, 1991.
7. Workshop cum Seminar on Bioethics on "Environmental ethics" at Department of Zoology, University of Madras, Gundy Campus, Chennai, 1997.
8. "Workshop cum Seminar on Bioethics" at the Department of Zoology, University of Madras, Guindy Campus, Chennai, Tamilnadu, January 16 - 19, 1997.
9. "First Indian Ecology Congress" – Seasonal variation of Cu, Zn, Ni, Co, Cd, Hg in water and Zooplankton of Pondicherry Coast" at National Institute of Ecology, Jawaharlal Nehru University, New Delhi, December 27-31, 1997.
10. Biological Researcher issues on Intellectual Property Rights: Some Issues at Department of Economics, Thiruvalluvar University, Vellore, October 14 -15, 2005.
11. "National Seminar cum Workshop on Aquaculture Biotechnology" Studies on the Biology and biodiversity of Indian Strains of *Artemia*-biological and molecular approach conducted by Post Graduate Department of Zoology and Research Centre, Sree Narayanna College, Kannur, Kerala, January 5-7, 2005.
12. National Seminar on "Application of Genomics and Bioinformatics in Animal Health and Management (NSGB'09)", Department of Animal Health and Management, Alagappa University, Karaikudi, Tamilnadu, March 25th and 26th 2009.
13. *Recent Trends in Nanomarine Sciences* on "Micro Fabrication of Nanoscale Widgets Mimicking Diatoms" Alagappa University, Karaikudi, 23-27 February 2009.
14. *Recent Trends in Nanomarine Sciences* on " From Biotechnology to Marine Biotechnology" Alagappa University, Karaikudi, 23-27 February 2009.
15. National Seminar on Recent Trends in Microbial Technology with Reference to "Exteromophiles Biochemical Characterization of Marine Anaerobic Bacteria from Palk Strait, Southeast coast of India". Department of Microbiology, Periyar University. Salam. 21-22, October 2010.
16. National Seminar on Recent Trends in Microbial Technology with Reference to "Effect of *Arbuscular mycorrizal* fungi on the growth and Biochemical Constitutions of *catharanthus roseus* G.Don. Department of Microbiology, Periyar University, Salam. 21-22, October 2010.
17. National Seminar on Recent Trends in Microbial Technology with Reference to "Effect of Heavy Metals on the Marine Diatom, *Amphora coffeaformis* (Ag.) Kutz. Department of Microbiology, Periyar University, Salam. 21-22, October 2010.

18. National seminar on Biological Approaches for Monitoring and Protection of Environment, Biodegradation of Malachite green by *Pseudomonas sp* from Palk strait, South East Coast of India at PSGR Krishnammal College for Woman, Coimbatore on 11th and 12th January 2011. (*Paper presented*)
19. National seminar on Biological Approaches for Monitoring and Protection of Environment, Biodegradation of methylene blue by *Enterobactor sp.* from Palk Strait, Southeast Coast of India” at PSGR Krishnammal College for Woman, Coimbatore on 11th and 12th January 2011 (*Paper presented*).
20. National seminar on Biological Approaches for Monitoring and Protection of Environment, Isolation and mass culture of *Azospirillum* from *Avicennia marina* roots at PSGR Krishnammal College for Woman, Coimbatore on 11th and 12th January 2011. (*Paper presented*).
21. National seminar on Biological Approaches for Monitoring and Protection of Environment, Isolation and mass culture of phosphate solubilising microorganisms from paddy root) at PSGR Krishnammal College for Woman, Coimbatore on 11th and 12th January 2011 (*Paper presented*).
22. National seminar on Advances in Biological Sciences, “Isolation, Identification and Distribution of Bioluminescent Bacteria from *Portunus pelagicus* at PG Research Department of Botany, Holy Cross College, Tiruchirapalli on 25th- 26th February, 2011 (*Paper presented*).
23. *World Maritime Week Celebrations on Coastal Resources and there conservation-* School of Marine Sciences, Department of Oceanography and Coastal Area Studies School of Marine Sciences, Alagappa University, Thondi Campus, Karaikudi on 29 September 2011. (*Lecturer*)
24. National Conference on “*Recent Advances in Algal Biotechnology – NCRAAB 2012*” and M.O.P Iyengar Quasiquicentennial Year Celebration (Technical Session –II)- “Seagrasses Resources in Palk Bay, Bay of Bengal” Centre of Advanced Study in Botany, University of Madras, Maraimalai Campus, Guindy, Chennai, 16th and 17th February 2012. (*Paper presented*).
25. Second Indian Biodiversity Congress (IBC- 2012 and EXPO). Distribution and Diversity of Seagrass in Palk Bay, Bay of Bengal, J.N. Tata Auditorium, IISc, Bangalore, Karnataka, 9th to 12th December 2012. (*Poster presentation*).
26. National Seminar on “Coastal Environment and their Management and Workshop on GIS software”: Effect of Physical environmental parameters on the biomass and productivity of *Halophila ovalis.*, Department of Marine Geology, Mangalore University, Mangalagangothri, Karnataka, 22nd to 24.th January 2013. (*Oral presentation*).

B. International

1. "International Conference on Heavy Metals in Indian Environment" on Trace Metal Distribution in the Seaweeds of gulf of Mannar, Bay of Bengal " at Aligarh Muslim University, Aligarh, Punjab - January 8-10, 1990.
2. "International Conference on Environmental Sciences" on Trace metal distribution in sediments of the Coramantal coast in the Bay of Bengal' at the Regional Research Laboratory (CSIR), Trivandrum, Kerala - January 8-13, 1996.
3. "International Seminar on Mangrove" on 'Rotifers of Pichavaram Mangroves' at the Division of Marine Biology, Department of Zoology, Andhra University, Visakhapatnam, Andhra Pradesh - March 25-27, 1997.
4. "International Conference on Environmental and Agriculture (INCEA)" on 'Distraction of a Mangrove plant a Note' at the Ecological Society (ECOS) and Central Department of Botany, Tribhuvan University, Kathmandu, Nepal - November 1-3, 1998.
5. "International Conference on Environmental Sciences" on A macroalge as tool for Biological Monitoring Heavy metal Pollution at the Regional Research Laboratory (CSIR), Trivandrum, Kerala - December 2-4, 1998.
6. "International Conference on Coastal Zone Environment and Sustainable Development Vulnerability, Adaptation and Beyond" on Biological Monitoring of trace metal pollution using seaweeds as a tool at the School of Environmental Sciences Jawaharlal Nehru University, New Delhi, 12th- 14th, February 2007.
7. Member, Co- organizing Secretary for the conduct of International Colloquium on "Emerging Biotechnologies in Agriculture, Animal Health and productivity" (ICEB' 09), on 'Studies on Biochemical and Molecular Characterization of Nodule forming Bacteria associated with *Pongamia* Sp. In the Mangroves' Alagappa University, Karaikudi, on 23-27 February 2009.
8. International Symposium on Trace organic Pollutants in Environment (ISOTOPE '10). "*Tissue concentration of Heavy Metals in Seagrasses in Thondi Palk Bay, Bay of Bengal*" (Presented Paper) organized by School of Eco- Biotechnology, Bharathidasan University, Thiruchirappalli on 23rd January 2010.
9. International Symposium on Trace organic Pollutants in Environment (ISOTOPE '10). "*Concentration of Heavy metals in Seagrasses at Sundarapandiyapattinam Palk Bay, Bay of Bengal*" (Presented Paper) organized by School of Eco- Biotechnology, Bharathidasan University, Thiruchirappalli on 23rd January 2010.

10. International Symposium on Trace organic Pollutants in Environment (ISOTOPE '10). *"Monsoonal Impact on Nutrient Enrichment in The Palk Bay Coastal Waters"* (Presented Paper) organized by School of Eco- Biotechnology, Bharathidasan University, Thiruchirappalli on 23rd January 2010.
11. International Conference on Climate Change and Bio-Resource (ICCCB 2010). *"Diatoms as a tool for Global Climate Changes"* organized by Bharathidasan University, Thiruchirappalli on 9-12 February 2010. (Presented Paper)
12. "International Conference on Emerging Threats and Challenges to Biodiversity: Policy Framework for Sustainable Management" *"Distribution and Diversity of Seagrass in Palk Bay Region"* (Presented Paper) at the Department of Botany, S. V. University, Tirupati, Andhra Pradesh, 2nd – 4th March 2012.
13. "International Conference on "Emerging Threats and Challenges to Biodiversity: Policy Framework for Sustainable Management"- Distribution of Bioluminescent Bacteria in Seagrass Meadows, Palk Strait, Bay of Bengal" (Poster Presentation) at the Department of Botany, S. V. University, Tirupati, Andhra Pradesh, 2nd – 4th March 2012.
14. "International Conference on "Emerging Threats and Challenges to Biodiversity: Policy Framework for Sustainable Management"- a simple method for study on epiphytic diatoms from Palk Strait Tamilnadu, India" (Poster Presentation) at the Department of Botany, S. V. University, Tirupati, Andhra Pradesh, 2nd – 4th March 2012.

Invited Lecture/ Chairmen/ Chair Session/ Co. Chair.

1. Delivered an invited Special Lecture on ***"Studies on Biodiversity of Amirthi Forest ecosystem Vellore District"*** organized by Mahendra Arts and Science College, Kalippatti, Namakkal, Periyar University (affiliated) on 23rd February 2008.
2. As a Chairperson in the ***"National Symposium on Healthcare Biotechnology and Environment" (Session II)*** organized by Mahendra Arts and Science College, Kalippatti, Namakkal, Periyar University (affiliated). on 23rd February 2008.
3. Delivered an invited Lecture on ***"Coastal Biodiversity- Sustainable Utilization and their Management"*** organized by Department of Botany, Alagappa Government Arts College, Karaikudi. Alagappa University (affiliated) on 25th and 26th September 2008.
4. Delivered an invited Special Lecture on ***"Impact of Tsunami on Marine Biodiversity and there threats"*** organized by Association of Zoology, Arumugam Pillai and Seethai Ammal Arts and Science College, Alagappa University (affiliated) Thirupathur, Sivaganga Dist. on 23 April 2009.

5. As a Chair in the "***National Conference on Marine Biodiversity Present Status and Prospects (MABPSAP- 2010)***" (Technical Session -3: Marine Plants) organized by School of Marine Sciences, Bharathidasan University, **Thiruchirappalli** on 16-18th September 2010.
6. Delivered an invited Special Lecture on "***Marine Biodiversity and their need for Conservation and Management with special reference to Andaman and Nicobar Islands***" in the National seminar on Biological Approaches for Monitoring and Protection of Environment, PSGR Krishnammal College for Woman, **Coimbatore** on 11th and 12th January 2011.
7. Delivered an invited Lecture on "***Mangroves and their Conservation in India***" organized by Organized by Department of Zoology and Science City, Centre of Advanced Study in Botany Auditorium, University of Madras, Maraimalai Campus, Guindy, **Chennai** on 21st and 22nd, 22. April 2011.
8. Delivered an invited Lecture on "***Scientific Knowledge in School Level***" in Guidance and counselling programme for rural Students organized by Department of Lifelong Learning Education, Alagappa University, **Karaikudi**, India during September 2010.
9. Delivered an invited Lecture on "***Importance of Basic Sciences and their Uses***" in Guidance and counseling programme for rural Students organized by Department of Lifelong Learning Education, Alagappa University, **Karaikudi**, India during September 2010.
10. Delivered an invited Special Lecture on "***Impact of Climate Change on Coastal Environment***" in the National Conference on Marine Environmental Challenges and Coastal Zone Management Strategy (MARINA'12) organized by School of Marine Sciences, Bharathidasan University, **Thiruchirappalli** on 13th and 14th February 2012.
11. As a Chair and Judge for poster presentation in the National Conference on "***Marine Environmental Challenges and Coastal Zone Management Strategy (MARINA'12)***" (Technical Session -III and V) organized by School of Marine Sciences, Bharathidasan University, **Thiruchirappalli** on 13th and 14th February 2012.
12. As a Chair a session in the National Conference on "***Recent Advances in Algal Biotechnology - NCRAAB 2012***" and M.O.P Iyengar Quasquicentennial Year Celebration (Technical Session -II) Centre of Advanced Study in Botany, University of Madras, Maraimalai Campus, Guindy, **Chennai**, 16th and 17th February 2012.
13. Delivered an invited Lecture on "***Basic Scientific Research and Graduate level***" organized by Association of Zoology, Arumugam Pillai and Seethai Ammal Arts and Science College, Alagappa University (affiliated) **Thirupathur**, Sivaganga Dist. on 24th February 2012.

14. Delivered and Presidential Address on ***“Student Participation in National Integration”*** in the 7th Annual Day Celebration, Alagappa Evening College, **Thondi** on 5th February 2012.
15. Delivered an invited Lecture on ***“Coastal Biodiversity with special reference to Andanan and Nicobar”*** Organized by Science Club (132nd meet), Centre of Advanced Study in Botany, University of Madras, Maraimalai Campus, Guindy, **Chennai on 21st and 22nd**, 22. April 2012.
16. Delivered an invited Lecture on ***“Seagrasses as an Ecological Swim-in Restaurant (Blue Biotechnology)”***, the National Science Day celebration of India on 28 February each year 1928 to mark the discovery of the Raman Effect by Indian physicist Sir Chandrasekhara Venkata Raman. on 28 February 1928, Organized by Department of Biotechnology, Vels Institute of Science, Technology and Advanced Studies (VELS University), **Chennai** on 28 February 2015.
17. Delivered an invited Lecture on ***“Natural Disaster Management”*** and 24th National children’s Science Congress-2065, organized by the Tamilnadu Science Forum, Sivaganga District, and Department of Zoology, Arumugam Pillai and Seethai Ammal Arts and Science College, Alagappa University (affiliated) **Thirupathur**, Sivaganga Dist. on 26 and 27 July 2016.
18. Delivered an invited Lecture on ***“Preparation of New Scientific Project”*** and 24th National children’s Science Congress-2065, organized by the Tamilnadu Science Forum, Sivaganga District, and Department of Zoology, Arumugam Pillai and Seethai Ammal Arts and Science College, Alagappa University (affiliated) **Thirupathur**, Sivaganga Dist. on 28 July 2016.
19. Delivered an invited Lecture on ***“Natural Resources and their Management”*** and 24th National Children’s Science Congress-2065, organized by the Tamilnadu Science Forum, Sivaganga District, and SMS School, **Karaikudi**, Sivaganga Dist. on 06 August 2016.

Other Training / Workshop Programme

15. Workshop/ Training Course on ***“Quantitative Methods in Ecology”*** Organized by the Department of Zoology, University of Delhi, **Delhi**, 27 December 1995 to 6 January 1996.
16. Workshop/ Conference on ***“Present Status of Analysis of Trace/ Metals and Nutrients in Marine Environment”***, Organized by the Regional Research Laboratory (CSIR) and Department of Ocean Development, **Trivandrum** - January 8 - 13, 1996.
17. ***“Workshop cum on Bioethics”*** at the Department of Zoology, University of Madras, Guindy Campus, **Chennai**, January 16 - 19, 1997.

18. Awareness Programme on **“Remote Sensing Applications in Marine Sciences”** Organized by the Institute for Ocean Management, Anna University, **Chennai**, September 21 and 22, 1998.
19. **“Workshop on Forestry, Forest Products and Coastal Population”** Organised by the Institute of Wood Science and Technology (Indian Council of Forestry Research and Education), **Chennai**, February 10 - 12, 1999.
20. Training course on **“Environment Friendly Technologies for Sustainable Development in Indian Context”** conducted by Anna University, **Chennai**, March 27 and 28, 1999.
21. National Seminar cum Workshop on **“Environmental Biotechnology”** Organised by the Swaminathan Research Foundation, Taranani Campus, **Chennai**, November 12 -14, 2004.
22. National Seminar cum Workshop on **“Aquaculture Biotechnology”** conducted by Post Graduate Department of Zoology and Research Centre, Sree Narayanna College, **Kannur, Kerala**, January 5 - 7, 2005.
23. Training course on **“Intellectual Property Rights: Some Issues”** conducted by Department of Economics, Thiruvalluvar University, **Vellore**, October 14 -15, 2005.
24. International Workshop cum Seminar on **“Advances in Modern Biotechnology and Molecular Techniques in Veterinary Parasitological: Diagnosis, Chemotherapy and Control”** organized by the School of Biotechnology, Animal Health and Management and Marine Sciences, Alagappa University, **Karaikudi** on 17th - 21st March 2008.
25. Workshop on **“Application of Confocal Microscopic Techniques in Animal Health Management, (ACAH 2010)”** conducted by Department of Animal Health and Management, Alagappa University, **Karaikudi** on 29-30, March 2010.
26. National Symposium and Hands on Training on **“Recent trends in Bioinformatics and Molecular Modelling”** Organized by the Centre of Advanced Study in Crystallography and Biophysics, University of Madras, Guindy Campus, **Chennai**, July 30th and August 1st 2010.
27. **“Workshop on Advances in Computer Aided Drug Design”** Organized by the Centre of Advanced Study in Crystallography and Biophysics, University of Madras, Guindy Campus, **Chennai**, 30th-July 2010, 1st August 2010 and 2 to 4th August 2010.

Overseas Exposure / Visits

International Conference on Environmental Agriculture (INCEA)” at the Ecological Society (ECOS) and Central Department of Botany, Tribhuvan University, Kathmandu, Nepal, November 1-3, 1998.

Membership in

Professional Bodies

1. **Fellow in “the Academy of Zoology”** an International Organization of Zoologists (India). (Registered under Act XXI of 1860).
2. **Life Member** - The Marine Biological Association of India (India).
3. **Life Member** - The Indian Science Congress Association (ISCA), India.
4. **Life Member** - All India Bioethics Association of India - AIBA. (non - Profit Professional Society Registered under Societies Registration Act Tamilnadu).
5. **Life Member** - The Alagappa University Faculty Association (ALUFA), Alagappa University, Karaikudi – 630 003, Tamilnadu, India.

Editorial Board

1. Journal of “***The Biological Association of India***”, Published by MBAI, CMFRI Campus, Ernakulam, Kerala India.
2. ***Indian Journal of Marine Sciences*** (IJMS), Published by CSIR- NISCOM, New Delhi
3. ***Marine Pollution*** Published by, ENVIRO Media- Mustaffnagar, India.
4. ***African Journal of Basic & Applied Sciences***, Aferica Published by **IDOSI Publications L.L.C**
P.O. Box 40468, Deira, Dubai, UAE

Advisory Board/ Member

1. Member, Co- organizing Secretary for the conduct of International Colloquium on “***Emerging Biotechnologies in Agriculture, Animal Health and productivity***” (***ICEB’ 09***), Alagappa University 23-27 February 2009.
2. mku;T xUq;fpizg;ghsu;- jkpof mwptpay; Nguit> xd;gjhk; fUj;juq;fk; mofg;gh gy;fiyf; fofk; fhiuf;Fb – 630 003. nrg;lk;gu; 11-13: 2009.
3. Member, Co- organizing Secretary for the conduct of National Seminar on “***Emerging Biotechnologies in Agriculture, Animal Health and productivity***” (***ICEB’ 09***), Alagappa University 23-27 February 2009.
4. Advisory and committee Judge Member of selection of best project in Regional Level National Children Science Congress 2016, Kendriya Vidyalaya KV No.2 Atomic Power Station, Kalpakkam on 24-26 October 2016.

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

1. Member, **Board of Studies in School of Marine Sciences, Department of Oceanography and Coastal Area Studies**, Alagappa University, Karaikudi (2008-2011).
2. Member, **Board of Studies in School of Marine Sciences, Centre for Microbial Technology**, Alagappa University, Karaikudi (17.12.2008 onwards).
3. Member, **Board of Studies in School of Marine Sciences, Centre for Marine Pharmacology**, Alagappa University, Karaikudi (17.12.2008 onwards).
4. Member, **Board of Studies in School of Marine Sciences, Centre for Marine Geology**, Alagappa University, Karaikudi (17.12.2008 onwards).
5. Chairman, **Post Graduate Examination Board**, (M.Sc., Oceanography and Coastal Area Studies) School of Marine Sciences, Department of Oceanography and Coastal Area Studies, Alagappa University, Karaikudi (13.5.2008 onwards).
6. Chairman, **Post Graduate Examination Board**, (M.Sc., Marine Biology) School of Marine Sciences, Department of Oceanography and Coastal Area Studies, Alagappa University, Karaikudi (1.6.2009 onwards).
7. Chairman, **M. Phil., Examination Board**, School of Marine Sciences, Department of Oceanography and Coastal Area Studies, Alagappa University, Karaikudi (13.5.2008 onwards).
8. Member **B.Sc Marine Biology Board**, Govt. Arts and Science College, Department of Marine Sciences, Paramakudi (2017 onwards).

Contribution to Educational Committees

1. Served as a External Examiner in the Ph.D., Viva Voce, in the Bharathidasan University, A Veeriya Vandayar Memorial Sri Puspam College, Poondi, **Thanjoure**, 17.12.2008 onwards.
2. Served as a External Committee member of the Ph.D., Viva Voce, in the Cochin University of Science and Technology Kochi, **Kerala**, 2009 onwards.
3. Served as a External Examiner in the Ph.D., Viva Voce, in the SDRMI, Institute, Mononmoniam Sundaranar University, **Thirunelveli**, 24.2.2011 onwards.

Served as a Question paper setter for both M.Sc, M.Phil. and Ph.D. in the Annamalai University, Faculty of Marine Sciences, Annamalai nagar, **Chidambaram** from 2009 to till date.

4. Served as a Question paper setter for both M.Sc and M.Phil. in the Periyar University, Department of Biotechnology, Palkali Periyar Nagar, Omallore Road **Salem** from 2011 to till date.
5. Served as a Question paper setter for M.Sc. Marine Biotechnology, Bharathidasan University, Department of Marine Biotechnology, **Thiruchirappalli** from 2012 onwards.
6. Served as a External Examiner and Committee member in the Ph.D., Viva Voce, in the Bharathiar University, Department of Botany, N.G.M College (Autonomous), **Pollachi** on 6rd October 2013.
7. Served as a External Examiner and Committee member in the Ph.D., Viva Voce, in the Annamalai University, Faculty of Marine Sciences, **Parangipettai** on 20th October 2013.
8. Served as a External Examiner in the Ph.D., Viva Voce, in the SDRMI, Institute, Mononmoniam Sundaranar University, Thirunelveli, 2.5.2014 onwards
9. Served as a External Committee member of the Ph.D., Viva Voce, in the Bharathidasan University, Department of Marine Sciences, School of Marine Sciences, **Thiruchirappalli** on 16th and 17th February 2014.
10. Served as a thesis evaluator and External Examiner in the Ph.D., Viva Voce, in the Department of Marine Living Resources, Andhra University, Visakapatnam, **Andha Pradesh**, India 2016 onwards.

Others

- | | |
|--|------|
| 1. Articles published in Newspapers / Magazines | : 03 |
| 2. Products developed | : 01 |
| 3. No. of Ph.D. Thesis evaluated | : 15 |
| 4. No. of Ph.D. Public Viva Voce Examination conducted | : 09 |
| 5. Sequences submitted in Gen Bank | : 24 |

**Social Interests and Initiatives / Articles in News papers etc can also be included

Publications (International, National/ Regional)

1. Authors, (Year), "Title of the Paper", Journal / Conference Name, Publisher, Country, Volume/ Issue, page numbers. (Impact Factor: xx).

Book Published

1. **"Rotifers of Porto-Novo"** - Co - Authored with Dr. L. Kannan - 1992.
2. **"Special Techniques in Sericulture"**- in Tamil - **gl;L tsh;g;G rpwg;Gj; njhopy;El;gk;** - Co - Authored with Dr. G. Singaravelu -2006.
3. **"Recent Advances in Nanomarine Sciences"**- Alagappa University Publication. Compiled and edited by **C. Govindasamy**, 30 pp- 2009.

4. *Global Warming –Now and Than*”-Edited by **Dr. C. Govindasamy** – 71pp. 2010.

Database and Networking Published

Kannan, L and **Govindasamy, C.** 2001. *Database and Networking of Coastal and Marine Biodiversity (East Coast)* Proforma for Data Collection in CD- ROM: [http://: www: coastalmarinebiodiversity.com.in](http://www.coastalmarinebiodiversity.com.in)

Gene Sequence deposited in NCBI and published

1. **Govindasamy, C** and Ruban, P. 2011. *Methanoculleus submarinus* strain **GRAU-1 16S** ribosomal RNA gene, partial sequence (GenBank: JN004139. 1087 bp) deposited on 19th May 2011.
2. **Govindasamy, C** and Ruban, P. 2011. Anaerobic methanogenic archaeon **GRAU-2 16S** ribosomal RNA gene, partial sequence (GenBank: JN004140.1; 923 bp) deposited on 19th May 2011.
3. **Govindasamy, C** and Ruban, P. 2011. *Methanospirillum hungatei* strain **GRAU-3 16S** ribosomal RNA gene, partial sequence (GenBank: JN004141.1; 1016 bp) deposited on 19th May 2011.
4. **Govindasamy, C** and Ruban, P. 2011. *Methanomicrobiales* archaeon **GRAU-4 16S** ribosomal RNA gene, partial sequence (GenBank: JN004142.1; 990 bp) deposited on 19th May 2011.
5. **Govindasamy, C** and Ruban, P. 2011. *Methanosarcina mazei* strain **GRAU-5 16S** ribosomal RNA gene, partial sequence (GenBank: JN020910.1; 1154 bp) deposited on 24th May 2011.
6. **Govindasamy, C** and Ruban, P. 2011. *Methanosalsum* sp. **GRAU-6 16S** ribosomal RNA gene, partial sequence (GenBank: JN020911.1; 1215 bp) deposited on 24th May 2011.
7. **Govindasamy, C** and Ruban, P. 2011. *Methanoculleus bourgensis* strain **GRAU-7 16S** ribosomal RNA gene, partial sequence (GenBank: JN020912.1; 1124 bp) deposited on 24th May 2011.
8. **Govindasamy, C** and Ruban, P. 2011. *Methanobacterium* sp. **GRAU-8 16S** ribosomal RNA gene, partial sequence (GenBank: JN020913.1; 1064 bp) deposited on 24th May 2011.
9. **Govindasamy, C** and Ruban, P. 2011. *Methanosarcina acetivorans* strain **GRAU-9 16S** ribosomal RNA gene, partial sequence (GenBank: JN020914.1; 1033 bp) deposited on 24th May 2011.
10. **Govindasamy, C** and Ruban, P. 2011. *Methanosarcina* sp. **GRAU-10 16S** ribosomal RNA gene, partial sequence (GenBank: JN020915.1; 1088 bp) deposited on 24th May 2011.

11. **Govindasamy, C** and Meena, N. 2011. *Bacillus subtilis* strain **GMAU 16S** ribosomal RNA gene, partial sequence (GenBank: JF764371.1; 1050 bp) deposited on 17th May 2011.
12. **Govindasamy,C.,** Ruban,P., Arulpriya,M., Srinivasan,R. and Anantharaj, K. 2011. *Enterobacter cloacae* strain **GRASAAU 16S** ribosomal RNA gene, partial sequence (GenBank: JF764372.1; 1353 bp) deposited on 31st March 2011.
13. **Govindasamy,C.,** Arulpriya,M Ruban,P.,. Srinivasan,R. and Anantharaj, K. 2011. *Pseudomonas aeruginosa* strain **GARASAU 16s** ribosomal RNA gene, partial sequence. GenBank: JF750390; 1283 bp) deposited on 31st March 2011.
14. **Govindasamy, C** and R. Srinivasan, *Vibrio rotiferianus* strain **GSAU-23 16s** ribosomal RNA gene, partial sequence (GenBank: JX280423.1; 1451bp) deposited on 15th August 2012.
15. **Govindasamy, C** and R. Srinivasan, *Vibrio* sp strain **GSAU-14 16s** ribosomal RNA gene, partial sequence (GenBank: JQ757166.1; 1312 bp) deposited on 30th April 2012.
16. **Govindasamy, C** and R. Srinivasan, *Vibrio cambellii* strain **GSAU-15 16s** ribosomal RNA gene, partial sequence (GenBank: JQ801440.1; 1333 bp) deposited on 6th June 2012.
17. **Govindasamy, C** and R. Srinivasan, *Pseudomonas fluorescence* strain **GSAU-16 16s** ribosomal RNA gene, partial sequence (GenBank: JQ801441.1; 1180 bp) deposited on 6th June 2012.
18. **Govindasamy, C** and R. Srinivasan, *Streptomyces* sp strain **GSAU 16s** ribosomal RNA gene, partial sequence (GenBank: JQ951520.1; 1261 bp) deposited on 15th July 2012.
19. **Govindasamy, C** and R. Srinivasan, *Vibrio* sp strain **GSAU-17 16s** ribosomal RNA gene, partial sequence (GenBank: JX280417.1; 1414 bp) deposited on 15th August 2012.
20. **Govindasamy, C** and R. Srinivasan, *Vibrio* sp strain **GSAU-18 16s** ribosomal RNA gene, partial sequence (GenBank: JX280418.1; 1418bp) deposited on 15th August 2012.
21. **Govindasamy, C** and R. Srinivasan, *Vibrio owensii* strain **GSAU-19 16s** ribosomal RNA gene, partial sequence (GenBank: JX280419.1; 1418bp) deposited on 15th August 2012.
22. **Govindasamy, C** and R. Srinivasan, *Vibrio harveyi* strain **GSAU-20 16s** ribosomal RNA gene, partial sequence (GenBank: JX280420.1; 669 bp) deposited on 15th August 2012.
23. **Govindasamy, C** and R. Srinivasan, *Vibrio campbellii* strain **GSAU-21 16s** ribosomal RNA gene, partial sequence (GenBank: JX280421.1; 680bp) deposited on 15th August 2012.
24. **Govindasamy, C** and R. Srinivasan, *Vibrio* sp strain **GSAU-22 16s** ribosomal RNA gene, partial sequence (GenBank: JX280422.1; 1451bp) deposited on 15th August 2012.

Chapter in Edited Books (International)

1. **Govindasamy, C.**, Viji Roy, A. G, Prabhahar C, Valarmathi, S. and Azariah, J. 1998. *Mangrove, Bioethics and the Environment*. “**Bioethics in India**” (eds.) Azariah, J., Hilda Azariah and Darryl R. J. Macer. Christchurch, N.Z: Eubios Ethics Institute ©1998, Japan, 403pp. (ISBN: 0-908897-103).
2. **Govindasamy, C.** and Azariah, J. 1998. *Ecology and Future of Mankind*. “**Bioethics in India**” (eds.) Azariah, J., Hilda Azariah and Darryl R. J. Macer. Christchurch, N.Z: Eubios Ethics Institute ©1998, Japan, 403pp. (ISBN: 0-908897-103).

Chapter in Edited Books (National/ Regional/ University level)

1. **Govindasamy, C.**, Kannan, L. and Jayapaul Azariah. 1997. *Trace Metal Distribution in Sediments of the Coromandel Coast, Bay of Bengal*. “**Advances in Environmental Sciences**”. (ed.) C.S.P. Iyer, Educational Book Publishers & Distributors, New Delhi. 442pp. ISBN: 81-87680-05-8).
2. **Govindasamy, C.**, Kannan, L. and Azariah, J. 2001. *Macroalgae as a Tool for Biological Monitoring of Heavy Metal Pollution*. “**Emerging Trends in Environmental Sciences**”. C.S.P. Iyer, First Edition., October 2001. Asiatech Publisher ,Inc, New Delhi. 402pp. (ISBN: 81-87680-05-9).
3. mUs;gpupah. k> fp. Mde;juh[;> &gd; g. kw;Wk; **Nfhpte;jrhkp> rp.** 2009. “ghf; tisFlhtpy; ,aw;if vupthAr;rf;jp Xu;ghu;it “jkpof mwptpay; Nguit> xd;gjhk; fUj;juq;fk; mofg;gh gy;fiyf; fofk; fhiuf;Fb – 630 003. nrg;lk;gu; 11-13>2009. 493. (ISBN: 9788-93-80043-33-3).
4. gukrptk;> r. kw;Wk; **Nfhpte;jrhkp> rp.** 2009. “`p];likd;- Xu; mwpKfk;>“ jkpof mptpay; Nguit> xd;gjhk; fUj;juq;fk; mofg;gh gy;fiyf; fofk; fhiuf;Fb – 630 003. nrg;lk;gu; 11-13>2009. 493. (ISBN: 9788-93-80043-33-3).
5. **Chinnavenkataraman Govindasamy**, Mani Arulpriya and Packiasamy Ruban, 2016. *Antibacterial, antibiotic resistance of Total Heterotrophic Bacteria (THB) from Muthukuda Mangrove Sediment, Southeast Coast of India*. SNMV/IICPT/ Symbio/2016/ OT-009/ (ISBN: 5-8-978-81 -926250-0-3).

University Publications

1. Azariah, J. and **Govindasamy, C.** 1998. *Mangroves, Makers of Wetland Ecosystem*. “An Anthology of Indian Mangroves” (ed.) Kannupandi, T. ENVIS Publication, Annamalai University. Sabanayakam Printers, Chidambaram. 66pp.
2. **Govindasamy, C.**, Azariah, J. and Ajithkumar, T. T. 1998. *What is the Worth of Mangrove Forest?.* “**Living on the Edge**” (To celebrate the International Year of the Ocean, 1998) (ed.) Kannan, L. Annamalai University, ENVIS Publication, Series 3/98: 45-49.

Full Paper in Conferences Proceedings

1. **Govindasamy, C.** and Kannan, L. 1989. *Uyirinangalin Koottu Vazhkai (in Tamil)* (ed.) Ananthakrishnan, N., Annamalai University, Educational Book Publishers & Distributors, Annamalainagar. 542pp.
2. **Govindasamy, C.** Kannan, L. and J. Azariah. Conserving a crucial wetland Ecosystem. International Conference on Environmental Agriculture (INCEA Ecological Society (ECOS) and Central Department of Botany, Tribhuvan University, Kathmandu, Nepal - November 1-3, 1998).

Published Papers in Proceedings

1. Kannan, R., Ganesan, M, **Govindasamy, C.** Rajendran, K, Sampathkumar, P. and Kannan, L. 1989. Seagrasses of the Palk Bay - A Tool for the Biological Monitoring of Heavy Metals. *Proceedings of National Seminar on Indian Chlorophyceae and their Utilization.* 40-43p.
2. Ganesan, M, Kannan, R, Rajendran, K, **Govindasamy, C.** Sampathkumar, P. and Kannan, L., 1990. Trace Metal Distribution in the Seaweeds of the Gulf of Mannar, Bay of Bengal. *Proceedings of International Conference on Heavy Metals in Indian Environment.* 21-25 p.
3. Kannan, L., Kannan, R, Ganesan, M, Rajendran, K, **Govindasamy, C.** and Sampathkumar, P. 1990. Mercury Concentration in Some Seaweed of the Bay of Bengal. *Proceedings of National Seminar on Recent Advances in Coastal Marine Sciences.* 10-13p.
4. Anandan, G., **Govindasamy, C.** and Kannan, L. 1990. Mass Culture of Zooplankton in the Laboratory. *Proceedings of National Seminar on Aquaculture Development in India Problems and Prospects.* 19- 21.
5. Kannan, L. Ganesan, M, **Govindasamy, C.** Rajendran, K. and Kannan, R. 1991. Distribution of Cadmium in Some Seaweeds of the Bay of Bengal. *Proceedings of All India Symposium on Algae in Human Affairs and Environment.* 21-16p.
6. **Govindasamy, C.** and Kannan, L. 2007. Biological Monitoring of Heavy Metals in the Bay of Bengal Using Seaweeds as a Tool. *Proceeding of Coastal Zone Environment and Sustainable Development Vulnerability, Adaptation and Beyond.* 200pp.
7. Kannan, R and **Govindasamy, C.** 2009. Micro Fabrication of Nanoscale Widgets Mimicking Diatoms. *"Recent Trends in Nanomarine Sciences" Booklet: 1-30.* (2009).
8. Arumugam, A and **Govindasamy, C.** 2009. From Biotechnology to Marine Biotechnology. *"Recent Trends in Nanomarine Sciences" Booklet: 1-30.* (2009).

International publications

1. Ganesan, M., Kannan, R, Rajendran, K, **Govindasamy, C**, Sampathkumar, P. and Kannan, L. 1991. Trace Metals Distribution in the Seaweeds of the Gulf of Mannar; Bay of Bengal. ***Marine Pollution Bulletin***. **22**(4): 205-207. (ISSN-0025-326X; IF2.9).
2. Rajendran, K., **Govindasamy, C**, Ganesan, M, Kannan, R, Sampathkumar, P. and Kannan, L., 1992. Levels of Trace Metals (Fe, Mn, Cu and Zn) in Some Indian Seaweed. ***Marine Pollution Bulletin***. **26**(5): 283-285. (ISSN-0025-326X; IF 2.9).
3. **Govindasamy, C.**, Viji Roy, A. G, Prabhahar C, Valarmathi, S. and Azariah, J. 1998. *Mangrove, Bioethics and the Environment*. "**Bioethics in India**" (eds.) Azariah, J., Hilda Azariah and Darryl R. J. Macer. Christchurch, N.Z: ***Eubios Ethics Institute*** ©1998, Japan, 403pp. (ISBN: 0-908897-103).
4. **Govindasamy, C.** and Azariah, J. 1998. *Ecology and Future of Mankind*. "**Bioethics in India**" (eds.) Azariah, J., Hilda Azariah and Darryl R. J. Macer. Christchurch, N.Z: ***Eubios Ethics Institute*** ©1998, Japan, 403pp. (ISBN: 0-908897-103).
5. **Govindasamy, C.**, Ruban, P, Arulpriya, M, Srinivasan, R and Meena, N. 2011. Biochemical Characterization of Total Heterotrophic Bacteria (THB) in Muthukuda Mangrove, Southeast Coast of India. ***African Journal of Basic & Applied Sciences***, **3**(6): 285-289. (ISSN 2079-2034).
6. **Govindasamy, C.**, Shahida Begam, S. and Kannan, R. 2011. Studies on Primary Production and Physico- Chemical Variables in summer at Vellore Fort Moat, Tamilnadu. ***African Journal of Basic & Applied Sciences***, **3**(6): 290-299. (ISSN 2079-2034).
7. **Govindasamy, C.**, and Arulpriya, M. 2011. Seasonal Variation of Seagrass Biomass in Northern Palk Bay, India. ***Biodiversity***, **12**(4): 223-231 (ISSN-1488-8386).
8. **Govindasamy, C.** and Sundaramoorthy, M. 2011. Impact of Municipal waste on the water Quality of River Palar, Tamilnadu, India. ***Global Journal of Environmental Research***, **5**(1): 39-45. (ISSN-1990-925X).
9. Anantharaj. K., **C. Govindasamy**, G. Natanamurugaraj, and S. Jeyachandran., 2011. Effect of Heavy Metals on Marine Diatom *Amphora coffeaeformis* (Agardh. Kutz). ***Global Journal of Environmental Research***, **5**(3):112-117. (ISSN-1990-925X).
10. **Govindasamy. C.**, M. Arulpriya¹, P. Ruban¹ and V. R. Meenakshi¹, 2012. Hydro-Chemical Evolution of Palk Strait Region, Bay of Bengal. ***Journal of Tropical Life Sciences***, **2**(1): 1-5. (ISSN-1985-3718).

11. Rajendran Srinivasan, Govindarasu Ganapathy Selvam, Sakthivel Karthik, Krishnamurthy Mathivanan, Ramaiya Baskaran, Mariappan Karthikeyan, Muchukathan Gopi, **Chinnavenkataraman Govindasamy**, 2012. *In vitro* antimicrobial activity of *Caesalpinia sappan*. **Asian Pacific Journal of Tropical Biomedicine**, S 136-139: (ISSN- 2221-1691).
12. **Govindasamy, C.** and Viji, J. 2012. Present Status of Maniyampattu and Puliyanthangal Lakes Ranipettai, Tamilnadu, India. **World Applied and Science Journal**, 16(10): 1409-1415. (ISSN 1818-4952).
13. Ruban, P, **Govindasamy, C.** and Gunasseelan, C. 2012. Methanogenesis and Methane Flux in Marine Sediment. **Research and Reviews: A Journal of Ecology**, 1(1): 9-14. (ISSN-2231-3826).
14. **Govindasamy, C.,** Arulpriya, M. and Ruban, P. 2012. Nuclear Magnetic Resonance analysis for antimicrobial compounds from the red seaweed *Gracilaria corticata*. **Asian Pacific Journal of Tropical Biomedicine**. S: S329-S333. (ISSN-2221-1691).
15. **Govindasamy, C** and K. Anantharaj, 2012. New Distributional Record of Epiphytic Diatom of *Nitzschia longissima* in Palk Strait-Scanning Electron Microscopy (SEM). **African Journal of Basic and Applied Sciences**. 4(1): 25-27. (ISSN-2079-2034).
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National Publication

1. Ganesan, M., Kannan, R, Rajendran, K, **Govindasamy, C,** Sampathkumar, P. and Kannan, L. 1991. Changes in Biomass of Agarophytes at Pudumadam and Tuticorin, Gulf of Mannar, Tamil Nadu. *Seaweed Research and Utilisation*. 13(2): 109-114. (ISSN-0971-7560).
2. Rajendran, K., **Govindasamy, C,** Kannan, R, Sampathkumar, P, Ganesan, M. and Kannan, L. 1991. Seaweed Resources of the Bay of Bengal on the Northern Part of the Tamilnadu Coast. *Seaweed Research Utilisation*. 13(2): 123-130. (ISSN-0971-7560).
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4. Kannan, R., Ganesan, M, **Govindasamy, C,** Rajendran, K, Sampathkumar, P. and Kannan, L. 1992. Tissue Concentration of Metals in Seagrasses of the Palk Bay, Bay of Bengal. *International Journal of Ecology and Environmental Sciences*. 18: 29-34. (ISSN: 0377-05X).
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25. Govindasamy, C, P.Ruban and S. Sekar, 1012. Seasonal Distribution of Halophilic Bacterial Population in Water and Sediment at Muthupet Mangrove, Tamilnadu. *Elixir Pollution*, 44: 7320-7323. (ISSN-2229-712X).
26. Govindasamy C, R. Srinivasan, K. Anantharaj, P. Ruban, M. Arulpriya and M. Sudha, 2012. Nutritive evaluation in Indian white shrimp (*Fenneropnaeus indicus*) fed with different feed. *Elixir Aquaculture*, 45: 7728-7732. (ISSN-2229-712X).
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Regional/ University level Publications

1. **Govindasamy, C., Kannan, L. and Jayapaul Azariah.** 1997. *Trace Metal Distribution in Sediments of the Coromandel Coast, Bay of Bengal.* “**Advances in Environmental Sciences**”. (ed.) C.S.P. Iyer, Educational Book Publishers & Distributors, New Delhi. 442pp. **ISBN: 81-87680-05-8).**
2. Azariah, J. and **Govindasamy, C.** 1998. *Mangroves, Makers of Wetland Ecosystem.* “**An Anthology of Indian Mangroves**” (ed.) Kannupandi, T. ENVIS Publication, Annamalai University. Sabanayakam Printers, Chidambaram. 66pp.
3. **Govindasamy, C., Azariah, J. and Ajithkumar, T. T.** 1998. *What is the Worth of Mangrove Forest?.* “**Living on the Edge**” (To celebrate the International Year of the Ocean, 1998) (ed.) Kannan, L. Annamalai University, ENVIS Publication, Series 3/98: 45-49.
4. Azariah, J. and **Govindasamy, C.** 1998. *Mangroves, Makers of Wetland Ecosystem.* “**An Anthology of Indian Mangroves**” (ed.) Kannupandi, T. ENVIS Publication, Annamalai University. Sabanayakam Printers, Chidambaram. 66pp.
5. **Govindasamy, C., Kannan, L. and Azariah, J.** 2001. *Macroalgae as a Tool for Biological Monitoring of Heavy Metal Pollution.* “**Emerging Trends in Environmental Sciences**”. C.S.P. Iyer, First Edition. October 2001. Asiatech Publisher, Inc, New Delhi. 402pp. **(ISBN: 81-87680-05-9).**
6. mUs;gpupah. k> fp. Mde;juh[;> &gd; g. kw;Wk; **Nfhtpe;jrhkp> rp.** 2009. “**ghf; tisFlhtpy; ,aw;if vupthAr;rf;jp Xu;ghu;it**” jkpof mwptpay; Nguit> xd;gjhk; fUj;juq;fk; mofg;gh gy;fiyf; fofk;; fhiuf;Fb – 630 003. nrg;lk;gu;; 11-13: 493. **(ISBN: 9788-93-80043-33-3).**
7. gukrptk;> r. kw;Wk; **Nfhtpe;jrhkp> rp.** 2009. “**pj;likd;- Xu; mwpKfk;>**” jkpof mptpay; Nguit> xd;gjhk; fUj;juq;fk; mofg;gh gy;fiyf; fofk;; fhiuf;Fb – 630 003. nrg;lk;gu;; 11-13: 493. **(ISBN: 9788-93-80043-33-3).**

Accepted Papers

1. **Govindasamy, C.** 2016. Brief Note on Obliteration of Mangrove Wetlands. *World Applied Science Journal.* (x): xx-xx. **(ISSN-0974-6943).** (Accepted).
2. **Chinnavenkataraman Govindasamy,** Nagarajan Meena, Mani Arulpriya, Rajendran Srinivasan, Krishnan Anantharaj, and Packiasamy Ruban, 2016. Phylogenetic analysis of Total Heterotrophic Bacteria (THB) and Antibacterial, Antibiotic resistance in Muthukuda, Mangrove Sediment, Southeast coast of India. *Polish Journal of Microbiology.* xx (x): xx-xx **:(ISSN-0974-6943).**

Achievements and other Information

a. General

Passed all the Governmental Departmental Tests, Government of Tamilnadu

b. Achievements

School of Marine Science Developments

- Department has been upgraded as **School of Marine Science** considering students' employability and further scope in the field of research.
- The following basic amenities and infrastructure facility have been provided to the department during my Headship in Alagappa University.
 - New Board of Studies was constituted for M.Sc., Oceanography and Coastal Area Studies. The syllabus was revised and course title was renamed as "**Marine Biology**" **instead** of M.Sc., Oceanography and Coastal Area Studies.
 - Additional special grant of Rs. **3.30** lakhs was obtained to purchase PCR for advanced research.
 - The School of Marine Sciences, Alagappa University has received the 11th plan UGC Special Grant (Rupees **4.25** Crores) towards the construction of Main Building (**1.25** Crores), Ladies and Gents hostel (**2.00** Crores), Marine Sports (**50.00** lakhs), and the State Government of Tamilnadu have sanctioned **50.00** lakhs for the construction of Faculty guest house and International Guest House at Thondi Marine Campus during the academic Year 2010 -2011.
 - The School of Marine Sciences has launched many innovative programme in the Post Graduate and Research courses viz. Marine Biology (M.Sc., M.Phil. Ph.D.) and **Marine Microbial Technology** (M.Sc., M. Phil. Ph.D.).
 - Further, New Pioneering Center viz. **Centre for Marine Pharmacology** have been added. The center will offer M.Sc., M.Phil and Ph.D., courses from the Academic year 2012- 2013.
 - Further, New Pioneering Center viz. **Centre for Marine Geology** have been added. The center will offer M.Sc., M.Phil and Ph.D., courses from the Academic year 2012- 2013.

Alagappa University Evening College Achievements

- In the Second week of January 2009, the NSS Unit of Alagappa University Evening College, Thondi organized a Seven days Special camp and Numbuthali Village during January 9 to 15, 2009 and 50 NSS volunteers from Thondi Evening College participated.
- To enhance the employment opportunities of the Alagappa University Evening College Students, B.Com, B.A., English, B.A., Tamil, MCA and M.Com. Degree courses were additionally has been bringing during my Period of Director In Charge. (2009-2010).

Non - Academic Education

Extra-Curricular Activities

1. N.C.C

A, B and C Certificates

2. N.S.S.

I have actively Participation from School to University Level NSS programme and attend, conduct and organized in various university level regular and special Camps.

3. Drawing

University Level Certificates

4. Hobbies

- i. Drawing
- ii. Photography (Especially in Nature)
- iii. Coastal Areas and Mangroves Visiting and Poetry etc.
- iv. Swimming.