

CURRICULUM VITAE

Lt. Dr. N.THIRUNAVUKKARASU. Ph.D.,

DATE OF BIRTH 27th July 1977

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Date of Joining in Collegiate Educational Service 26.2.2011

SCHOLASTIC QUALIFICATION

DEGREE	EDUCATIONAL INSTITUTION	YEAR OF PASSING	UNIVERSITY	CLASS
Ph.D., (Marine Biology)	Centre of Advanced Study in Marine Biology, Parangipettai	2006	Annamalai University	Best Thesis Award
M.Phil., (Zoology)	Kandaswami Kandar's College, Velur, Namakkal	2001	Periyar University	First class (68.7%)
M.Sc. (Marine Biology & Oceanography)	Centre of Advanced Study in Marine Biology, Parangipettai	1999	Annamalai University	First class with distinction (76.2%)
B.Sc., (Zoology)	Kandaswami Kandar's College, Velur, Namakkal	1997	University of Madras	First Class (69.0%)

- Have **NET** in (Fish and Fisheries Science) conducted by Agricultural Scientists Recruitment Board for Lecturership/Assistant Professorship (Authorised by UGC-CSIR) in 2004.
- **Title of the Ph.D., Thesis:** Biology, nutritional evaluation and utilization of mud crab *Scylla tranquebarica* (Fabricius, 1798)

Teaching Experience

Institution	Level / Classes handled	Period	Total Teaching experience
Dr.Ambdekar Govt. Arts College, Vyasarpadi, Chennai	M.Sc. , Zoology B.Sc. , Advanced Zoology & Biotechnology	5.11.2011 to Till Date	4 years & 2 months
Government Arts College, Chidambaram	B.Sc. , Zoology	26.2.2011 to 4.11.11	8 months
Madras Christian College, Tambaram, Chennai	PG (M.Sc.) Marine Studies and Coastal Resource Management	14.06.2006 to 25.2.2011	4 years & 8 months
Madras Christian College, Tambaram, Chennai	B.Sc. , Vocational - Industrial Fish and Fisheries Diploma in Aquaculture	04.07.2005 to 17.04.2006	1 year
Kandaswami Kandari's College, Velur, Namakkal	B.Sc. , Vocational - Industrial Fish and Fisheries	21.06.2000 to 28.02.2002	2 years & 3 months
Kandaswami Kandari's College, Velur, Namakkal	B.Sc. , Zoology	06.12.1999 to 20.06.2000	7 months

Total years of Teaching Experience – **PG: 10 years & UG: 13 years**

Research Experience

Institution	Designation	Period	Total experience
Faculty of Marine Science, CAS in Marine Biology, Annamalai University	Junior Research Fellow (Department of Ocean Development, Govt. of India, Research Project)	1.3.2002 – 28.2.2005	3 years

Total years of Research Experience – **3 years**

Additional Qualifications:

- Diploma in Export Management (Marine Products) from National Institute of Export Management, Chennai in 2005.
- Postgraduate Diploma in Bio-Informatics from School of Distance Education, Bharathiar University, Coimbatore in 2006.
- Certificate Course in Tourism from Bharathidasan University, Trichirappalli in 1997.

Research Guidance:

Ph.d – (Thesis Submitted – 1, on going - 5), **M.Phil.**, – (Completed -2, on going - 1), **M.Sc.**, - (Completed – 20, ongoing – 1)

Research Experiences:

- Worked as a Junior Research Fellow in the Department of Ocean Development Project on **“Biology and conservation of over-exploited commercially important crabs of Parangipettai coast”** from 1st March 2002 to 28th February 2005 at Centre of Advanced Study in Marine Biology, Annamalai University, Parangipettai.
- Technical experience on DNA isolation and purification, Electrophoresis, Restriction Enzyme Digestion, Restriction Fragment Length polymorphism (RFLP), Random Amplified Polymorphic DNA (RAPD) & PCR technique.
- Project work done with reference to resource assessment, hybridization, larval rearing seed production, hatchery technology and nutrition on marine and mud crabs.
- Experience on live feed culture such as *Chlorella* sp., Rotifer and *Artemia* nauplii with nutrient enrichment in Periyar Integrated Fish Farm (Hatcheries) at Mugaiyur, Tamilnadu.

Training courses / Workshop attended:

International:

1. **International workshop on “Natural Hazards and Coastal Zone Management”** organized by Department of Applied Geology and Centre for Ocean and Coastal Studies, University of Madras on 20th & 21st February, 2009.
2. **“International course on Marine and Coastal Resource Management”** held at Institute for Ocean management, Anna University, Chennai from 5th to 23rd February 2007.

National:

1. Workshop cum Training on **“Fish Cell Culture Techniques”** organized by Centre for Ocean Research, Sathyabama University, Chennai from 3rd to 4th November, 2015
2. Training on **“Production of Chitin and Chitosan”** conducted by the Central Institute of Fisheries Technology from 13th to 14th July, 2015 at Kochi.

3. National Workshop on “**Recent Techniques in Marine Fish Immunology**” sponsored by Ministry of Human Resource Development (MHRD) held at CAS in Marine Biology on 1st to 2nd March 2014.
4. **Workshop on “Coastal Biodiversity Restoration”** at Estuarine Biological Laboratory, Pulicat on 1st to 5th September 2010.
5. **Workshop on “e-content creation”** Conducted by Bioinformatics Centre of BTISnet, at Madras Christian College on 11th August 2010.
6. **Workshop on “Coastal Biodiversity Restoration”** at Estuarine Biological Laboratory, Pulicat on 9th to 11th December 2009.
7. Workshop on **IMAGE ANALYST**, GeoMedia Professional conducted by Madras Christian College from 6th -7th August 2007.
8. “**Workshop on Bay of Bengal Biogeographic Information System (BoBIS)**” jointly organised by Centre of Advanced Study in Marine Biology (Parangipettai), National Institute of Oceanography (Kochi) and National Chemical Laboratory (Pune) at Parangipettai from 19th to 20th February 2007.
9. **Advance course on “SEAFOOD HACCP”** conducted by the Central Institute of Fisheries Technology from 4th to 7th May 2005 under the auspices of CIBA and Society of Aquaculture Professionals at Chennai.
10. Short-term course on “**Fishery Technology**” conducted by Central Institute of Fisheries Nautical & Engineering Training (CIFNET) from 1st to 4th March 2006 at Chennai.
11. Basic Training in “**Recombinant DNA Technology and PCR**” conducted by GENEI Pvt Ltd, Bangalore from 19th – 22nd May 2004.
12. Training course on “**Crab Fattening**” Conducted by The Marine Products development Authority (MPEDA) at Cochin from 1st – 5th December 2003.
13. Training course on “**Crab Breeding and Culture**” conducted by Central Institute of Brackishwater Aquaculture (CIBA), Chennai from 17th - 22nd June 2002.
14. Training programme on “**Fisheries**” by TamilNadu Veterinary and Animal Sciences University, Fisheries College and Research Institute, Tuticorin on 11th to 16th June 2001.
15. Training programme on “**Freshwater Fish & Prawn culture**” by TamilNadu Veterinary and Animal Sciences University Training and Research Centre on 13th– 17th November 2000 at Erode.
16. Workshop cum Seminar on “**AIDS**” on 22nd - 23rd August 2000 at Salem.

Awards and Prizes

- **Best Ph.D Thesis Award** (Prof.R.V.Seshaiya Prize) from Annamalai University in the year 2007.

- Periyar University, Salem – M.Phil., Rank holding prize in 2002.
- Junior Research Fellow in Department of Ocean Development Project on “**Biology and conservation of over-exploited commercially important crabs of Parangipettai coast**” from 1st March 2002 to 28th February 2005.

Research Publications:

1. **N.Thirunavukkarasu**, C.Sheeba Anitha Nesakumari and A.Shanmugam. 2014. Larval rearing and seed production of mud crab *Scylla tranquebarica* (Fabricius, 1798). *Intl J. Fisheries & Aquatic Studies*. **2(2)**:19-25.
2. **N.Thirunavukkarasu**, C.Sheeba Anitha Nesakumari and A.Shanmugam. 2014. Reproductive potential of mud crab *Scylla tranquebarica* (Fabricius, 1798). *J.Fish.Soc.Taiwan*. 41(1): 27-34.
3. **N.Thirunavukkarasu**, C.Sheeba Anitha Nesakumari and A.Shanmugam. 2014. Age and growth studies of mud crab *Scylla tranquebarica* (Fabricius, 1798). *AMET International Maritime Research Journal*. **3**:33-47.
4. Madhu Magesh.K, **N.Thirunavukkarasu** and R.Moses Inbaraj. 2014. Nutritional evaluation of salt marsh plants in Pulicat lake. *Intl. J. Ecology, Environment & Conservation*. **20**:133-137
5. C.Sheeba Anitha Nesakumari and **N.Thirunavukkarasu**. 2014. Food and feeding behaviour of mud crab *scylla tranquebarica* (Fabricius, 1798). *Ind.J.Vet & Ani.Sci.Res* . **43(3)**: 229-235.
6. V.Ramalingam, **N.Thirunavukkarasu**, Nissy Chandy and R.Rajaram. 2014. Proximate composition of trash fishes and their utilization as organic amendment for plant growth. *J.Mar.Biol.Ass.India*. **53(1)**:142-144.
7. C.Sheeba Anitha Nesakumari, **N.Thirunavukkarasu** and J.Sesh Serebiah. 2014. Intertidal amphipods (Crustacea:Amphipoda) on seagrass ecosystem from Pulicat Lake, South East Coast of India. *J.Environment and Current Life Science*. **2**:6-12.
8. C.Sheeba Anitha Nesakumari, **N.Thirunavukkarasu** and A.Shanmugam. 2014. Allometric relationship of mud crab *Scylla tranquebarica* (Fabricius, 1798). *Wide Spectrum*. **2(10)**:5-10.
9. D.Kiruba and **N.Thirunavukkarasu**. 2014. Evaluation of antibiotic resistance and anti-dandruff activities of lemon *Citrus limonum*. *Wide Spectrum*. **2(12)**:27-30.
10. K.Ayyappan and **N.Thirunavukkarasu**. 2014. Studies on physico-chemical characteristics and nutrients in the Paravanar river of Cuddalore, South East Coast of India. *J.Environment and Current Life Science*. **2**:13-21.
11. B.Indhu, S.Muthusami and **N.Thirunavukkarasu**. 2014. Studies on microflora and their role on egg shell contamination and infection. *Intl.J.Pharm,Chem & Biol.Sci*. **4(3)**:518-521.
12. **Thirunavukkarasu.N**, and A.Shanmugam. 2013. Nutritional Evaluation of mud crab *Scylla tranquebarica* (Fabricius, 1798). International-Seminar Workshop on Mudcrab Aquaculture and

Fisheries Management organized by Rajiv Gandhi centre for Aquaculture (RGCA) on 10th to 12th April 2013.pp.17-18.

13. Thirunavukkarasu.N, A.Shanmugam and S.Ajmalkhan. 2013. Reproductive biology and size of mud crab found in Parangipettai waters. International-Seminar Workshop on Mudcrab Aquaculture and Fisheries Management organized by Rajiv Gandhi centre for Aquaculture (RGCA) on 10th to 12th April 2013.pp.47-48.

14. R.Subramanian, C.Sheeba Anitha Nesakumari and **N.Thirunavukkarasu**.2013. Status of water quality and heavy metal pollution from Coovum River, Tamilnadu, India. *Universal Journal of Environmental Research and Technology*. **3(4)**:483-489.

15. Thirunavukkarasu. N, S.Gokulakrishnan, P.V.R.Premjothi and R.Moses Inbaraj. 2011. Need of coastal resource Management in Pulicat Lake – Challenges ahead. *Ind.J.Sci & Tech*. **4(3)**:322-326.

16. Thirunavukkarasu. N, K.Dhinamala and R.Moses Inbaraj. 2011. Production of chitin from two marine stomatopods *Oratosquilla* spp (Crustacea). *J.Chem.Pharm.Res*. **3(1)**:353-359.

17. Thirunavukkarasu.N and R.Mohan. 2011. Studies on heavy metal concentration in River Cauvery, Tamilnadu. Proceedings on National Seminar on Environmental Monitoring: Issues and Challenges held at Madras Christian College, Chennai. pp.103-108.

18. S.Monolisha and **N.Thirunavukkarasu**.2011. Biosorption of arsenic with acid washed crab shells *Portunus pelagicus*. Proceedings on Students Projects Scheme Seminar cum Exhibition by TNSCST. pp.75-77.

19. Thirunavukkarasu. N and A.Shanmugam. 2010. Length-weight and width-weight relationships of mud crab *Scylla tranquebarica* (Fabricius, 1798). *J.Mar.Biol.Ass.India*. **53(1)**:142-144.

20. Thirunavukkarasu. N and A.Shanmugam. 2009. Extraction of chitin and chitosan from mud crab *Scylla tranquebarica*. *Intl J App Bio Engg.***3**:31-33.

21. Thirunavukkarasu.N, R.Moses Inbaraj, V.Deepak Samuel and A.Shanmugam 2009. Mud crab Fisheries trade in India – Challenges and Opportunities. World Ocean Conference, International Symposium on Ocean Science, Technology and Policy held on 11th – 15th May, 2009 at Manado, Indonesia. p.11.

22. Sambasivam. S, **N.Thirunavukkarasu**, K.Maheshkumar and A.Shanmugam. 2005. Nutritional evaluation of *Octopus rugosus*. *J.Aqua.biol*. **201**: 83-85.

23. Thirunavukkarasu. N and N.Veerappan. 2004. Cercariae of trematodes from Vellar, Pitchavaram mangroves and Coleroon regions. *J.Aqua.biol*. **19(2)**: 111-112.

24. Thirunavukkarsu. N, N.Ilavarasan, R.Mohan and G.Anbuganapathi. 2004. Haematological effects of medicinal plants in mice exposed to cigarette smoke. *J.Eco.biol*. **19(1)**: 59-65.

25. Ilavarasan. N, **N.Thirunavukkarasu**, R.Mohan and G.Anbuganapathi. 2004. Biochemical effects of medicinal plants in mice cigarette smoke exposed mice. *J.Eco.biol*. **19(1)**: 45-50.

26. Mohan. R, **N.Thirunavukkarasu** and N.Ilavarasan. 2004. Catfish farming with slaughterhouse chicken waste as a supplementary feed – A boon to aquaculturist. *J.Aqua.biol.* **19(2)**: 149-151.

27. Anbuganapathi. G, G.Manimekalai, R.Mohan, J.Mohanasundaram and **N.Thirunavukkarasu**. 2003. Bacterial contamination of River Cauvery, Namakkal District – A case study. *J.Ecotoxicol.EnvIRON.Monit.* **13(1)**: 41-45.

28. Thirunavukkarasu .N, A. William Charles, V. Deepak Samuel, Lita Sunder and R. Moses Inbaraj (2008) – Loss of biodiversity and economy due to by-catch exploitation In: Proceedings of the National conference on Biotechnological Intervention for Conservation and Sustainable Utilization of Bioresources, Satyabama University, Chennai. pp. 13-18.

29. Thirunavukkarasu.N, D.Adhavan, V. Deepak Samuel, Lita Sunder and R. Moses Inbaraj (2008). Studies on the heavy metals in Ennore Estuary. Proceedings on National Semianr on IMO 60th Year of Excellence, organized by AMET University, Chennai.

30. Deepak Samuel.V, R. Dinesh Kumar, Steve Derek Cleur, **N. Thirunavukkarasu,** Lita Sunder and R. Moses Inbaraj (2008) – Marine eels – The Gunk unknown! - In: Proceedings of the National conference on Biotechnological Intervention for Conservation and Sustainable Utilization of Bioresources, Satyabama University, Chennai. pp. 18-21.

31. Lita sunder, P. David Raja, R. Moses Inbaraj, **N. Thirunavukkarasu** and V. Deepak Samuel – Ennore Mangroves – A diverse ecosystem or a diverted ecosystem? - In: Proceedings of the National conference on Biotechnological Intervention for Conservation and Sustainable Utilization of Bioresources, Satyabama University, Chennai. pp. 21-24.

Orientation / Refresher Course attended

1. Refresher Course on **Life Sciences** from 12.11.14 to 2.2.14 conducted by UGC-Academic Staff College, University of Madras, Chennai.
2. **“Orientation course” (Intensive Training Programme)** from 4.5.11 to 2.6.11 conducted by Tamilnadu State Council for Higher Education and UGC-Academic Staff College, University of Madras, Chennai.
3. Completed the **Orientation course** (84th Batch) at University of Madras from 14.05.2008 to 10.06.2008 with ‘A’ grade.

Invited Talks as Resource Person

International

1.Mud crab Fisheries trade in India – Challenges and Opportunities at Institute of Environmental and Marine Sciences, Silliman University, Dumaguete, Philippines on 25.5.09.

National

1. Studies on the heavy metals in Ennore Estuary. National Seminar on IMO 60th Year of Excellence, organized by AMET University, Chennai.

2. Current Status of biodiversity and threats in Pulicat Lake. Workshop on Coastal Biodiversity Restoration at Estuarine Biological Laboratory, Pulicat on 9th to 11th December 2009.
3. Role of Non-governmental organizations in Pulicat. Workshop on Coastal Biodiversity Restoration at Estuarine Biological Laboratory, Pulicat on 9th to 11th December 2009.
4. Biodiversity and Conservation of Marine and Coastal Ecosystems in India at Scrub Society, Madras Christian College, Chennai on 15th October 2010.
5. Biodiversity and conservation of Pulicat Lake. Workshop on Coastal Biodiversity Restoration at Estuarine Biological Laboratory, Pulicat on 1st to 5th September 2010.
6. Ornamental Fish Culture – Hands on Training for Self Help Groups, Sponsored by Ministry of Human Resource Development conducted by Sathyabama University on 7th November 2013.
7. Marine Biodiversity and Conservation – An Indian Context at National Level Conference on “Advances in Marine Bioscience & Technology: Current Status, Prospects & Challenges” conducted by AMET University on 14th March 2014.

National Symposium / Seminar Organized

- As **Organizing Secretary** conducted the National Symposium on “**Current Trends in Marine Science and Technology**” (**CUTMAST '09**) organised in Madras Christian College, Chennai from 22nd to 24th January, 2009 (Sponsored by 1. Department of Ocean Development, Ministry of Earth Sciences, New Delhi, 2. Department of Biotechnology, New Delhi and 3. University Grants Commission, Hyderabad).
- Organized National seminar on “**Recent Advances in Fish Reproduction**” from 28th to 29th October 2009 at Madras Christian College, Chennai (Sponsored by CSIR & INSA, New Delhi)
- Organized intercollegiate competition **ABYSS'08** on 12th March 2008 at Madras Christian College, Chennai.

Conference Presentations:

International

1. **Thirunavukkarasu.N,** and A.Shanmugam. 2013. Nutritional Evaluation of mud crab *Scylla tranquebarica* (Fabricius, 1798). International-Seminar Workshop on Mudcrab Aquaculture and Fisheries Management organized by Rajiv Gandhi centre for Aquaculture (RGCA) on 10th to 12th April 2013.
2. **Thirunavukkarasu.N,** A.Shanmugam and S.Ajmalkhan. 2013. Reproductive biology and size of mud crab found in Parangipettai waters. International-Seminar Workshop on Mudcrab Aquaculture and Fisheries Management organized by Rajiv Gandhi centre for Aquaculture (RGCA) on 10th to 12th April 2013.
3. **Thirunavukkarasu.N,** R.Moses Inbaraj, V.Deepak Samuel and A.Shanmugam 2009. Mud crab Fisheries trade in India – Challenges and Opportunities. World Ocean Conference,

International Symposium on Ocean Science, Technology and Policy held on 11th – 15th May, 2009 at Manado, Indonesia. P.11.

4. **Thirunavukkarasu.N.**, S.Gokulakrishnan, P.V.R.Premjothi, K.Maheshkumar, J.Sesh Serebiah, Lita Sunder, V.Deepak Samuel and R.Moses Inbaraj. 2010. Need of Coastal Resource Management in Pulicat Lake – Challenges ahead. International Conference on Global Environment and its Sustainability: Implications and Strategies held at RKM Vivekananda College, Chennai on 7th November 2010.

National

1. **Thirunavukkarasu.N.** 2010. Screening and isolation of chitin from marine stomatopods (Crustacea). Presented in 98th Indian Science Congress held at SRM University from 3rd to 7th January 2011. p.249.

2. **Thirunavukkarasu.N.**, R.Shalini and R.Moses Inbaraj. 2010. Alternative livelihoods for fishermen community and the role played by NGOs in villages around the Pulicat Lake. National Conference on Marine Biodiversity – Present Status and Prospects organized by Bharathidasan University, Trichirappalli held at 16th to 18th September 2010.

3. Premjothi.P.V.R., S.Gokulakrishnan, **N.Thirunavukkarasu**, V.Deepak Samuel, Lita Sunder, J.Sesh Serebiah and R.Moses Inbaraj. 2010. Distribution on macro faunal diversity on avian foraging grounds in Southern Pulicat Lake. National Conference on Marine Biodiversity – Present Status and Prospects organized by Bharathidasan University, Trichirappalli held at 16th to 18th September 2010.

4. Rahul Muralidharan, **N.Thirunavukkarasu** and Supraja Dharini. 2010. Environmental parameters required for the presence of Indo-Pacific Humpback Dolphins along the Chennai Coast. National Conference on Marine Biodiversity – Present Status and Prospects organized by Bharathidasan University, Trichirappalli held at 16th to 18th September 2010.

5. Gokulakrishnan.S, P.V.R.Premjothi, **N.Thirunavukkarasu**, V.Deepak Samuel, Lita Sunder, J.Sesh Serebiah and R.Moses Inbaraj. 2010. Threats to Marine Biodiversity in Pulicat Lake. National Conference on Marine Biodiversity – Present Status and Prospects organized by Bharathidasan University, Trichirappalli held at 16th to 18th September 2010.

6. D.Adhavan, N.Thirunavukkarasu, R.Moses Inbaraj and V.Deepak Samuel. 2010. Studies on Lead, Cadmium and Cobalt from Ennore Estuary. National Seminar on Applied Chemistry in Marine Sciences: Current and Future Trends held at Department of Ocean Studies and Marine Biology, Pondicherry University, Brookshabad Campus, Port Blair from 24th to 25th February 2010.

7. Amina Nazli.M.P., K.Merlin Jeyamalar, **N.Thirunavukkarasu** and V.Deepak Samuel. 2009. Socio-Economics of the fisher folk of Jamilabadh village, Pulicat. National Symposium on “Current Trends in Marine Science & Technology” organized by Department of Marine Studies and Coastal Resource Management & Department of Zoology, Madras Christian College, Chennai on 22nd -24th January, 2009.p.110.

8. Dinesh Kumar.R., K.Merlin Jeyamalar, M.P.Amina Nazli, V.Deepak Samuel and **N.Thirunavukkarasu**. 2008. Marine Enzymes – an overview. National Level Seminar on “Therapeutic and Industrial applications of Marine Resources with Biotechnological Potentials” organised by Prof.Dhanabalan College for Women, Chennai on 28th February 2008.
9. **Thirunavukkarasu.N**, A. William Charles, V. Deepak Samuel, Lita Sunder and R. Moses Inbaraj. 2008. Loss of biodiversity and economy due to by-catch exploitation In: Proceedings of the National conference on Biotechnological Intervention for Conservation and Sustainable Utilization of Bioresources, Satyabama University, Chennai. pp. 13-18.
10. **Thirunavukkarasu.N**, D.Adhavan, V. Deepak Samuel, Lita Sunder and R. Moses Inbaraj. 2008. Studies on the heavy metals in Ennore Estuary. National Seminar on IMO 60th Year of Excellence, organized by AMET University, Chennai.
11. D.Adhavan, **N.Thirunavukkarasu** and V.Deepak Samuel. 2008. Marine Biotechnology – Monoclonal Antibody. National Level Seminar on “Therapeutic and Industrial applications of Marine Resources with Biotechnological Potentials” organised by Prof.Dhanabalan College for Women, Chennai on 28th February 2008.
12. N.John Samuel, **N.Thirunavukkarasu**, P.Soundarapandian, A.Shanmugam and T.Kannupandi. 2004. Fishery potential of commercially important portunid crabs along the Parangipettai coast. International Conference on “Ocean Life, Food and Medicine – Expo 2004” held at IMAGE, Chennai from 27 – 29th February 2004. pp.2-3.
13. P.Soundarapandian, N.John Samuel, **N.Thirunavukkarasu**, A.Shanmugam and T.Kannupandi. 2004. Marine crab fishery of Parangipettai coast. UGC Sponsored National Seminar on Marine Resources held on 24 – 25th September 2004. Dept of Botany, S.T.Hindu College, Nagercoil. Abstract. p.9.
14. Mohan.R, G.Anbuganapathi, G.Manimeakalai, J.Mohanasundaram, **N.Thirunavukkarasu** and N.lalavarasan. 2001. Bacterial contamination of River Cauvery, Namakkal District – A case study. National Seminar on “Pollution – A Threat to the Nation” (Sponsored by UGC, NewDelhi) Organised by Bishop Heber College, Trichirappalli on 8-9th March 2001. Abstract. pp.33-34.

Seminars/Conferences Attended:

International

1. 9th International Symposium on **Reproductive Physiology of Fish** at Thriussur, Kerala from 9th to 14th August 2011.
2. UBCHEA: **Coastal Resources Management** Collaborative research Project Symposium in India at Chennai on 26th to 27th August 2010.
3. International Conference on Global Environment and its Sustainability: Implications and Strategies held at RKM Vivekananda College, Chennai On 7th November 2010.
4. “**International Marine Biodiversity Conservation Festival**” held at Chennai organized by TREE Foundation, Chennai 2nd May 2010.

5. International Conference on “**Ocean Life, Food and Medicine – EXPO 2004**” held at IMAGE, Chennai from 27th - 29th February 2004.

National

1. National Seminar on “**Conservation of Biodiversity**” held at Dept. of Zoology, Quaid-E-milleth Government College for Women on 7th February 2012.

2. 98th Indian Science Congress held at SRM University, Chennai from 3rd to 7th January 2011.

3. National Conference on “**Marine Biodiversity – Present Status and Prospects**” organized by Bharathidasan University, Trichirappalli held at 16th to 18th September 2010.

4. National Seminar on “**Environmental Monitoring: Issues and Challenges**” held at Madras Christian College, Chennai, on 9th February 2010.

5. National Conference on “**Biotechnological Intervention for Conservation and Sustainable Utilization of Bioresources**” at Satyabama University, Chennai on 7th to 9th August 2008.

6. National Level Seminar on “**Therapeutic and Industrial applications of Marine Resources with Biotechnological Potentials**” organised by Prof. Dhanabalan College for Women, Chennai on 28th February 2008.

7. National Seminar on “**Global Warming and Coastal Ecosystems**” (Sponsored by Ministry of Earth sciences, Govt of India & Tamilnadu State Council for Science and Technology, Govt of Tamilnadu) organised by Suganthi Devadason Marine Research Institute, Tuticorin in collaboration with IUCN and CORDIO held at Tuticorin on 8th June 2007.

8. Regional conference on “**Quality Improvement and Sustenance in Higher Education**” (Sponsored by the NAAC & UBCHEA) held at Madras Christian College, Tambaram, Chennai from 20th – 21st February, 2006.

9. National Seminar on “**Pollution – A Threat to the Nation**” (Sponsored by UGC, New Delhi) Organised by Bishop Heber College, Trichirappalli on 8th - 9th March 2001.

10. National Seminar on “**Atomic Energy, Ecology and Environment**” (Sponsored by BRNS, Department of Atomic Energy) organized by Jamal Mohamed College, Trichirappalli on 8th - 9th February 2001.

11. Inter Collegiate Students Seminar on “**Modern Approaches**” in “**Life Science**” on 6th January 2001 at Erode.

Member of Academic body /positions & Institution Responsibilities (Serving / served)

1. Serving as **Associate NCC officer** in Dr. Ambedkar Government Arts College, Vyasarpadi, Chennai (Under 8 Coy, 1 Tamilnadu Battalion) **from 29.2.2012**.

2. Serving as **Board of Examiner & Doctoral Committee Member** – Sathyabama University, Chennai & AMET University, Chennai.

3.Serving as **Question paper setter & evaluator** – SRM University, Dr.MGR University, AMET University, Annamalai University & Sathyabama University.

4.Served as **Head** in the Department of Marine Studies & Coastal Resource Management at Madras Christian College (Autonomous), Chennai from 28.1.2008 to 25.2.2011 towards executing department academic activities.

5.Served as **Associate Co-ordinator** of Examinations in Madras Christian College, Tambaram, Chennai from August 2009 to February 2011 towards conducting the semester examinations.

6.Served as **Core Team Member** in Internal Quality Assurance Cell for NAAC Accreditation at Madras Christian College, Chennai.

7.Served as **Member** - Board of Studies & Board of Examiner in the Department.

Projects Handling Experience:

S. No.	Project title	Funding Agency Name	Total Cost	Duration, year of Start	Place of Work	Status	Remarks
1	An Evaluation of comparative study of biodiversity and conservation of three hotspots of Asia	UBCHEA Hong Kong	US \$ 34,000	July, 2009 to June 2012 (3 years)	Madras Christian College With foreign Universities at Philippines & Indonesia	Completed	Good
2	Biosorption of arsenic with acid washed crab shells <i>Portunus pelagicus</i>	TamilNadu State Council for Science & Technology	Rs.6000	2011	Chennai	Completed	Good
3	Production and characterization of under-utilised marine bycatch trash	University Grants Commission	Rs.4,95,000	2014	Chennai	On going	-

Visit to foreign countries

Indonesia, Malaysia and The Philippines

Extra Curricular Activities:

- Passed NCC “C” (1997) and NCC “B” (1996) certificates (Authority of Ministry of Defence, Government of India).

Participated as Judge:

- Science Exhibition conducted by Tamilnadu School Education (2013) – District and State Level at Chennai at JaiGopal Karodia Hr.Sec.School, Tambaram, Chennai.
- Science Exhibition conducted by Tamilnadu School Education (2015) – District and State Level at Chennai at St.Theresa Hr.Sec.School, Pallavaram, Chennai.

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References:

1. The Principal
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2. Dr.R.W.Alexander Jesudasan
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3. Dr.A.Shanmugam
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DECLARATION

I hereby declare that the foregoing information is true to the best of my knowledge and belief. I have not held back any information that would materially change the text of the information published here.

Station: Chennai
Date: 2.2.2016

N. THIRUNAVUKKARASU