



NAME : Dr. J. LOGAMANYA TILAK

DESIGNATION: Assistant Professor

EDUCATIONAL QUALIFICATION: M.Sc., Ph.D.

SPECIALIZATION: Wetland Ecosystems

POSITIONS HELD IN MCC & OTHER BODIES: President, Scrub Society

Convener, Environmental Studies

Assistant Warden, Bishop Heber Hall

INVITED LECTURES:

- **“Marine Pollution”** in a workshop for faculty development for Engineering College teachers at Jeppiar SRR Engineering College, Chennai
- **“Biodiversity Inventory and Species Collection and Identification”** in a workshop on Mangrove Reforestation in South-East Asia – Local Action and Cross Border transfer of knowledge for the conservation of climate, forest and biodiversity on 5th December, 2012 at YMCA, Chennai
- **“Energetics of an Estuary – Pulicat Lake, a case study”**, Davidson Program in India, September, 2011.
- **“Restoration of Pulicat Brackishwater Ecosystem”** as part of Wildlife week celebrations jointly organized by the British Council, Madras Naturalist’s Society and WWF – India on 4th October, 2010.
- **“Restoration Ecology & Strategies for Pulicat Lake”** in the Workshop on Wetland Ecology and Restoration at the Department of Zoology, 1st to 5th September, 2010.
- **“The Importance of Wetlands and threat to Ecology”** as part of the Consultation on Influence of Climate Change on Ecology organized by INECC – SCINDeA held at Hotel Breeze, Chennai on 4th September, 2010.

- **“Introduction to Wetlands and Pulicat Lake”** in the Workshop on Coastal Biodiversity Restoration at the Estuarine Biological Laboratory, Pulicat, Madras Christian College, 9th to 12th December, 2009.
- **“Threats to Pulicat Lake”** for the Consultative Workshop on Coastal Resource Enhancement for Sustainable Livelihood of Fisher folk in Pulicat. Presentation on the current situation of Pulicat Ecosystem organized by Participatory Learning Action Network and Training on 25th July 2009.
- **Potentials of a Degrading Ecosystem – Pulicat Lake** in National Conference on Biotechnology & Conservation of Endangered Species for the National Biological Association for Students on 19th November, 2007 in Chennai.

PARTICIPATION IN CONFERENCE/ SYMPOSIUM/ SEMINAR

- Participated in the Workshop on **“Creative Waste Management”**, Asian Centre for Cross-cultural Studies, Chennai, 26th September, 2013.
- UBCHEA approved **Moving Beyond Faith: An Interfaith Workshop for Ecological Justice**, on September 3-15, 2012 at the Women and Ecology Wholeness Farm in Mendez, Cavite, Philippines.
- Attended Orientation Program organized by the Academic Staff College, Chennai from 17th May to 13th June, 2011.
- Participated in the International Seminar on **“Agricultural and Environmental Concerns – Role of Education”** by Knowledge Exchange at Taj Coromandel, Chennai, 4th February, 2011.
- Attended an **Orientation Programme on “Innovative and Viable Biotechnological Techniques in Ornamental Aquaculture and Management”** conducted by Fishery Research and Extension Centre, TANUVAS, Madhavaram, Chennai from 10th November to 3rd December, 2010.
- Attended a **Workshop on “Entrepreneurship Development Programme for Biology Students”** from 23rd to 25th September, 2009 at PG Research, Department of Advanced Zoology and Biotechnology, Government Arts College for Men (Autonomous), Nandanam, Chennai-600 035.
- Attended an **Orientation and Leadership Programme in Human Resource Development** at Aim Insight, Mangalore, 13 through 21 May, 2009.
- Attended a **Workshop on the “Utility of Bioinformatics Infrastructure Facility established at MCC”** conducted by the Bioinformatics Centre, MCC on August 13, 2007.

- Attended a **Workshop for Biology Teachers of Higher Secondary Schools** to introduce Bioinformatics during June 14 – 16, 2007.

PAPER PRESENTATIONS :

- Logamanya Tilak & Shakkeela Sathyan (2011) “Backyard Ornamental Fish Farming at Kolathur – A Case Study” at Chennai Aquaculture Technology Meet, CATEET ’11, 17th November, 2011.
- J.L. Tilak (2010) “Restoration of Pulicat Brackishwater Ecosystem” as part of **Wildlife week celebrations** jointly organized by the **British Council, Madras Naturalist’s Society and WWF – India**, on 4th October, 2010
- J.L.Tilak (2010) “Restoration Ecology & Strategies for Pulicat Lake” in the **Workshop on Wetland Ecology and Restoration** at the Department of Zoology, 1st to 5th September, 2010.
- J.L. Tilak (2010) “The Importance of Wetlands and threat to Ecology” as part of the **Consultation on Influence of Climate Change on Ecology organized by INECC – SCINDeA** held at Hotel Breeze, Chennai on 4th September, 2010
- Anita & J.L.Tilak (2010) “Final Call – Pulicat A Case Study”, in the **National Seminar on Environmental Monitoring: Issues and Challenges**. Madras Christian College, Chennai, 9th February, 2010 and won First Prize.
- J.L.Tilak (2009) “Introduction to Wetlands and Pulicat Lake” in the **Workshop on Coastal Biodiversity Restoration** at the Estuarine Biological Laboratory, Pulicat, Madras Christian College, 9th to 12th December, 2009.
- J.L. Tilak (2009) “Threats to Pulicat Ecosystem” **Consultative Workshop on Coastal Resource Enhancement for Sustainable Livelihood of Fisher folk in Pulicat**. Presentation on the current situation of Pulicat Ecosystem organized by **Participatory Learning Action Network and Training (PLANT)** on 25th July 2009.
- J.Logamanya Tilak, P.J.Sanjeeva Raj & V. Deepak Samuel (2009) “Pulicat Lake Status and Future Conservation Strategies” at a **Seminar on Wetland Conservation of Tamil Nadu** organized by **Department of Environment and Tamilnadu State Land Use Board, Tamilnadu State Planning Commision**, 24th of March, 2009.
- Anita and **J.L.Tilak** (2009) Endangered Mudskippers of Pulicat Lake as Eco- indicators. Paper Presented in the **National Symposium on Current Trends in Marine Science and Technology (CUTMAST ’09)** 22-24 January, 2009. Organised by the Dept of Marine Studies and Coastal Resource Management & Dept. of Zoology, MCC.

- P.C.Sathya Narayanan & **J.L.Tilak (2008)** “The prevalence of Anaemia among teenagers in Pulicat village” at **State Level Symposium on role of Laboratories in trauma care and pre-emptive prevention of human diseases**, Dec .17th & 18th 2008 at Loyola College, Chennai.
- J.L.Tilak (2007) “Potentials of a Degrading Ecosystem – Pulicat Lake” in **National Conference on Biotechnology & Conservation of Endangered Species** for the **National Biological Association for Students** on 19th November, 2007 in Chennai.
- J.L.Tilak & Wilkins Santosh (2007) “Ecorestoration and Ecotourism – A special report on Pulicat Lake” **National Conference on Recent advances in Prokaryotic genomics & Nanotechnology BLITZKREIG ‘07**, held on 2nd & 3rd February, 2007, organized by the School of Biotechnology, SRM University , Kattankulathur,603203.
- J.L.Tilak, P.J.Sanjeeva Raj and G. Kalaimani (2003) “Experiments in Restoration of Benthic Biodiversity in Pulicat Lake, South India” at the **National Seminar on Conservation and Management of Marine Biodiversity – Kanyakumari**, 21-22 March, 2003.
- J.Logamanya Tilak and P.J.Sanjeeva Raj (2003) “Conservation of Natural Resources of Pulicat Lake” at the **International Conference on “Sustainable Development and Management of Natural Resources” – Tiruchirapalli**, 15-17 March, 2003.
- J.L.Tilak, S.K.Sunder Raj, P.Sitarami Reddy and Bhagwan Das (2000) “Morphometric Analysis Of Four Species Of Hermit Crabs Of The Pulicat Environs” at the **V National Conference of AZRA (Applied Zoologists Research Association) Chennai**, 27 December, 2000.
- J.Logamanya Tilak and Samuel Sukumar (1999) “Changes in soil, in relation to biomass (Poultry waste) degradation” at the **International Conference On Environment And Bioethics – Chennai**, 14 January, 1999 at Loyola College, Chennai.

PUBLICATIONS :

- **A Study on the Burrowing Pattern of Mole Crabs Aalong Kovalam, South East Coast of India**, Siddharth Chandrasekar, Anita Pearline Esther, J.Logamanya Tilak and D. Arul Samraj, *Journal of Global Bioscience*, **5**, Number 4, pp 3948-3952, 2016.
- **Population Study of Amphipods in Pulicat Lake on Two Different Habitats**, Anita Pearline Esther and J. Logamanya Tilak, *International Journal of Innovative Science, Engineering and Technology*, **2**, Issue: 12, December, 2015

- **Pulicat Lake Status and Future Conservation Strategies** P.J.Sanjeeva Raj, **J. Logamanya Tilak** and Deepak Samuel. *Proceeding of the Seminar on Water and Wetland Day*, Department of Environment, Government of Tamil Nadu, May, 2009.
- **Experiments In Restoration Of Benthic Biodiversity in Pulicat Lake, South India** by P.J.Sanjeeva Raj, **J.Logamanya Tilak** and G.Kalaimani, *J. Mar. Biol. Ass. India*, 2002, **44** (1&2): 37 -- 45.

RESEARCH GUIDANCE: 26 M.Sc. Dissertations

PROJECTS WORKED:

- **“Development of farming technique with endocrine manipulation to obtain continuous breeders of Indian Salmon, *Eleutheronema tetradactylum* in Pulicat Coast”**, funded by DBT, Ministry of Science and Technology, (2017- 2020)
- **“Technology Transfer on Sustainable Integrated Farming to the Indigenous Fisherfolk Community of Pulicat”**, funded by the United Board for Christian Higher Education in Asia UBCHEA (2015-2016)
- **Economic Valuation of Eco-Technologies: Artificial Reefs.** Funded by World Bank. Designation: Research Associate (Jan-2001 to June-2002)
- **"Eco-Restoration of Pulicat Lake, with Fisherfolk Participation"**. Funded by: WWF-UK, through WWF-India. Designation : Research Associate (Feb-1997 to Feb-1999)
- **Scientific Cruise** in the AAS – 28th scientific cruise (15th to 25th, August 2000), onboard the research vessel **Akademik Aleksandr Sidorenko**, for carrying out Environmental Impact Assessment and Oceanographic studies at the proposed **Ocean Thermal Energy Conversion Power Plant site** of the **National Institute of Ocean Technology**, Chennai.
- Participated in a survey on ecological disruption at Kaattuppalli Island (1999).

ANY OTHER : Conducted two Workshops in the department

- **Organizing Secretary of Workshop on Wetland Ecology and Restoration** conducted by the Department of Zoology and Marine Studies and Coastal Resource Management, at the Department of Zoology and Estuarine Biological Laboratory Madras Christian College from September 1 to 5, 2010.

- **Organizing Secretary of Workshop on Coastal Biodiversity Restoration**, at the Estuarine Biological Laboratory, Pulicat. Conducted by Department of Zoology & Marine Studies and Coastal Resource Management, Madras Christian College from 9-12th December, 2009.

CONTACT DETAILS:

House No. 25, MCC Staff Quarters,

Madras Christian College,

Tambaram, Chennai – 600059.

Phone 044-22398605

Mobile: 9884617194,

9445320194

Email: mcctilak@gmail.com