

Dr.Tharavathy N.C



Dr. Tharavathy N.C. obtained her M.Sc., M.Phil. and Ph.D. in Biosciences at the Dept. of Biosciences, Mangalore University. Currently she is working as Associate Professor in the Department of Biosciences, Mangalore University and guiding three Ph.D. scholars in the field of Environmental Science. She has published a book entitled “Metals and pesticides impact on algae and protozoa” in International Publisher LAP LAMBERT Academic Publishing, Germany (ISBN: 978-3-659- 41234-9). She has presented 16 research papers in National and International Seminars and Conferences and published 18 research articles in different National and International Journals. She has also received “Best Women Scientist Award” from Karnataka Science Congress in the year 2010. She is a Life Member of National Environmental Science Academy, New Delhi and Editorial Board Member of *Asian Journal of Environmental Science*.

Research papers published

International

1. **Tharavathy N.C.** and Hosetti B.B. 1998. Experimental laboratory oxidation ponds for assessing lead toxicity on microorganisms, *Int. J. Envi. Edu. & Inf.*, Vol. 17 (4), p 353-356, ISSN: 0144-9281.
2. **Tharavathy N.C.** Hosetti B.B. and Krishnamoorthy M. 2003. Laboratory model waste stabilization ponds for assessing copper toxicity to algae and protozoa, *Int. J. Mendel*, Vol. 20 (1-2), p 51-52, ISSN: 0970-9649.
3. **Tharavathy N.C.** and Krishnamoorthy M. 2007, Impact of malathion on oxidation pond performance, *Ecol. Environ. & Cons.*, Vol. 13(4), p 745-750, ISSN: 0971-765X.
4. **Tharavathy N.C.** 2010. A study on solid waste quality in Mangalore city, Dakshina Kannada District, India. *Poll. Res.*, Vol. 29(2), p 67-70, ISSN: 0257-8050.
5. Sowmyashree S., **Tharavathy N.C.**, Reema O. L. and Nannu S. 2013. Seasonal changes in the biochemical composition of freshwater bivalves, *Parreysia spp.* from Tungabhadra river, Karnataka, *Int. J. Pharma Sci. & Res.*, Vol.4 (5), p 94-99, ISSN: 0975-9492.
6. Sowmyashree S., **Tharavathy N.C.**, Reema O. L. and Nannu S. 2013. Seasonal variation in the physico-chemical characteristics along the upstream of Tungabhadra river, Western

Ghats, India, *Int. J. Plant, Animal and Environ. Sci.*, Vol. 3(1), p 242-246, ISSN: 2231-4490.

7. **Tharavathy N.C.** and Krishnamoorthy M. 2013. Impact of monocrotophos on the physico-chemical and biological parameters of oxidation ponds, *Online Int. Interdisci. Res. J.*, Vol. 3(6), p 224-229, ISSN: 2249-9598.
8. **Tharavathy N. C.**, Krishnamoorthy M. 2014. Impact of iron on the biodiversity of algae and protozoa in oxidation ponds, *Int. J. Pharma Med. & Biol. Sci.*, Vol. 3(1), p 77-84, ISSN: 2278-5221.
9. **Tharavathy N.C.** and Hosetti B.B. 2014. Impact of cadmium on the biodiversity algae, protozoa, bacteria and fungi grown in oxidation ponds, *International Journal of Pharma Medicine & Biological Sciences*, Vol. 3(4), p 58-63, ISSN:2278-5221.

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10. **Tharavathy N.C.** and Hosetti B.B. 2003. Biodiversity of algae and protozoa in natural waste stabilization pond. *J. Environ. Biol.*, Vol. 24(2), p 193-199, ISSN: 1254-8704.
11. **Tharavathy N.C.** 2010. A study on ground water quality in Mangalore city, India. *Asian J. Environ. Sci.*, Vol. 4(2), p 142-145, ISSN: 0973-4759.
12. **Tharavathy N.C.** and Krishnamoorthy M., 2013. Impact of manganese on the biodiversity of algae and protozoa grown in oxidation ponds, *Ind. J. Scholarly Res.*, Vol. 2(11), p 5-7, ISSN: 2278-8271.
13. **Tharavathy N. C.** 2014. Water quality management in Shrimp culture, *Acta Biologica Indica*, Vol. 3(1), p 536-540, ISSN: 2319-1244.
14. **Tharavathy N.C.**, Krishnamoorthy M., Hosetti B.B. 2014. Oxidation Pond: A tool for wastewater treatment, *Research and Reviews: J. Ecol. & Environ. Sci.*, Vol. 2(1), p 1-4, ISSN: 2347-7822.

Proceedings

15. **Tharavathy N.C.** and Krishnamoorthy M. 2004. Experimental laboratory oxidation ponds for assessing chromium toxicity on algae and protozoa, Proceedings of the Annual Conference of National Environmental Science Academy, New Delhi, p 97-101.
16. **Tharavathy N.C.** 2010. Hospital Waste Management in Mangalore city, 6th Kannada Vijnana Sammelana, Karnataka Science Congress, p 30-32.

Book Chapters

17. Mohan B.S., **Tharavathy N.C.** and Hosetti B.B. 1998. Use of aquatic plants for wastewater treatment: An overview, *Environmental Impact Assessment and Management*, Daya Publishing House, Delhi, p 291-305. ISBN: 81-7035-182-0.

Books

18. **Tharavathy N.C** and Krishnamoorthy M. 2013. *Metals and pesticides impact on algae and protozoa*, LAP LAMBERT Academic Publishing, Germany, and ISBN: 978-3-659-41234-9.

General Article

19. Tharavathy N.C. 2010. Role of parents in the development of children, *Vishwakirana*, School Magazine, Vishwamangala English Medium School, Konaje.

Paper Presentations

International

1. **Tharavathy N.C.**, Experimental laboratory oxidation ponds for assessing chromium toxicity on algae and protozoa, International workshop on 'Recent Trends in Environmental Science', National Environmental Science Academy, New Delhi, Apr. 24-26, 2004.
2. **Tharavathy N.C.**, A study of ground water quality of Konaje, Mangalore (D.K.), International conference on 'Future Challenges to Environmental Scientists on Issues of Energy, Water and Human health', National Environmental Science Academy, New Delhi, Aug. 23-25, 2007.
3. **Tharavathy N.C.**, A study on Solid Waste Quality in Mangalore (D.K.), International Conference on 'Bioremediation and Environmental Management & Polar Science and Technology', Presidency College, Bangalore, Dec. 28-29, 2011.
4. **Tharavathy N.C.**, Water Quality Management in Shrimp Culture, International Conference on 'Biodiversity, Bioremediation and Biotechnology', Dept. of Botany, Karnatak University, Dharwad, Jan. 30-31, 2014.
5. **Tharavathy N.C.**, **Basic** Facilities of Tourism Industry on Economic Growth of India (Since 2001-2013), International Conference on "Community Empowerment in Changing World : Issues & Challenges, University of Mysore, Mysore, Feb. 27-28, 2015.

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6. **Tharavathy N.C.**, Experimental laboratory oxidation ponds for assessing copper toxicity on algae and protozoa, National Seminar on 'Zoology for 21st Century', Goa University, Dec. 7-9, 2000.
7. **Tharavathy N.C.**, Experimental laboratory stabilization ponds for assessing chromium toxicity to algae and protozoa, National Symposium on 'Problems and Prospects of Environment in the New Millennium', Dept. of Biosciences, Mangalore University, Dec. 14-16, 2000.
8. **Tharavathy N.C.**, Impact of monocrotophos (Luphos) on the biodiversity of algae and protozoa, National Conference on 'Urban Environment – Present Scenario and Future Strategies', Dept. of Environmental Science, Bangalore University, Dec. 27-29, 2008.
9. **Tharavathy N.C.**, Role of Women in Environmental Conservation, National conference on 'Women and Development, Centre for Women and Studies', Mangalore University, Mar. 21-22, 2012.
10. **Tharavathy N.C.**, Impact of Developmental Activities on Social Environment, National Seminar on 'Impact of Developmental Activities on Indigenous Environment', Dept. of Sociology, Mar. 30-31, 2012.
11. **Tharavathy N.C.**, Impact of Iron on the Biodiversity of Algae and Protozoa, National Seminar on 'Coastal Environments and their Management', Dept. of Marine Geology, Mangalore University, Jan. 22-23, 2013.
12. **Tharavathy N.C.**, Oxidation Pond – A Tool for Wastewater Treatment, National Symposium on 'Innovations in Science and Technology for Inclusive Development', Dept. of Studies in Zoology, University of Mysore, Mysore, Jan. 3-4, 2014.
13. **Tharavathy N.C.**, Effect of Scientific Developments on Social Environment, National Conference on 'Social Exclusions and Inclusive Growth: Challenges and Strategies', Dept. of Social Work, Mangalore University, Feb. 6-7, Feb. 2014.

State Level

14. **Tharavathy N.C.**, Hospital Waste Management in Mangalore City, 6th Kannada Vijnana Sammelana, Karnataka Science Congress, Veterinary College, Hebbala, Bangalore, Sept. 15-17, 2010.

15. **Tharavathy N.C.**, Impact of Manganese on the Biodiversity of Algae and Protozoa, 6th Annual KSTA Conference - 2013, Christ University, Bangalore, Dec. 20-21, 2013.
16. **Tharavathy N.C.**, Rashtrakavi GSS Avara Kavya Chinthane, State Level Conference on 'Rashtrakavi GSS Avara Vykthitva, Kavya Mathu Kavya Chinthane', University Evening College, Mysore, Mar. 11, 2014.