

Name of the Teacher: Dr. LATHA C

Designation : Assistant Professor

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Academic Qualification

M.Sc, B.Ed., M. Phil, Ph.D

Area of Interest/Specialization

Environmental Sciences, Bioremediation, Biomonitoring, Macroinvertebrate Taxonomy.

Teaching Experience (as on 31.03.2021) : 10 Years & 6 months

Details of Major or Minor Projects

Nil

Administrative / Official Responsibilities

MalPractice Prevention Squad of University of Kerala, Trivandrum District in the year of 2018.

2. Mentor of Walk With Scholar (WWS) during 2015-2018

3. DLMC Convenor of M.Sc

Academic Positions

1. QP Setter of Kerala Public Service Commission (KPSC) Lectureship Exam in 2016.
2. QP Setter of PG & UG Internal Examinations

3. QP Setter of Autonomous Colleges like Mar Ivanious College Thiruvananthapuram and Fathima Matha College Kollam.
4. Preparation of Answer Keys for PG and UG of Kerala University, Mar Ivanious College Thiruvananthapuram and Fathima Matha College Kollam.

Awards and Accolades

Nil

Seminar / Conference organized

Nil

Training Courses attended

Yes (1 OC, 3 RC and 2 STC)

Seminar / Conference attended

1. International conference on Advanced Innovation in Science Engineering and Technology (ICAISSET-2019) organized by Sree Aiyappa College, Eramallikara, Alappuzha Dist.
2. National Seminar on Environmental Status of Estuarine and Coastal Ecosystems in India (ECEI) at the department of Environment sciences, university of Kerala, Kariavattom in March 2019.
3. International Conference on 'Innovations and Sustainable Research in Environment and Life Sciences. Organized by Fathima Matha College on 7-14 August 2018.
4. National Seminar on Recent trends in biomedical Science and Informatics (INFOFEST-2018) Organized by Sree Aiyappa College, Chenganoor, Kerala from 27-28 April.

5. National Seminar on “Emerging challenges in biodiversity conservation with special reference to recent trends in ecotoxicology”(ECBCRTET- 2018) organized by M. S. M. College Kayamkumam, Kerala from 26-27 February.
6. International seminar on ‘Coastal Biodiversity Assessment’ Jan 5-7(COBIA-2017) Mar Gregorios College, Kottarakara ., D-03; 164-171.
7. International Conference on Biodiversity Conservation and ManagementI’ –Biocam, held from 3-6th February 2008, at Cochin University of science and Technology, Cochin Kerala.
8. National Seminar on ‘Recent Innovations and current trends in biological sciences (RICTBS)’ .Feb 8-10. Bishopmoor College, Mavelikara, Kerala.

Social Media Links

<https://www.youtube.com/channel/UCkBkseJSR98Aoqli4788oBQ>

International Journal Publications

1. Mumthas Yahiya and **Latha C.** 2019. Macrobenthic Invertebrate Assemblages along the Ayiramthengu Mangroves, West coast of India. International Journal of Research and Analytical Reviews(IJRAR) June 2019, Volume 6, Issue 2.,E-ISSN 2348-1269, P-ISSN 2349-5138)
2. **Latha C**, S. Amina and Nisha Viswan. **2013**. Published a paper on “Population dynamics and macroinvertebrate diversity of a pond” in an International Journal of Science Chronicle. In the issue of (Vol. 2, No.1, April).
3. Amina S., R. Sivakami, **Latha C.** **2012**. Published a paper on “Seasonal distribution of chlorophyceae in Kayamkulam Back water” in an *International journal of Institutional pharmacy and life sciences*, May –June 2(3) 7-16 (ISSN): 2249-6807., www.ijipls.com

4. **Latha. C.** and V.S. G. Thanga . **2010.** .Published a paper on “Choice of bioindicator species for estuaries of South Kerala: an approach based on macroinvertebrate” in ***Journal of The Ecoscan, An International Quarterly Journal of Environmental Sciences.***, Vol. 4 (4): 257-262,

5. **Latha.C** and V.S.G.Thanga.**2009.** Presented the paper on “Macroinvertebrate Diversity: A Tool for Biomonitoring selected reaches of Kallar, a Tropical Mountain Stream in South Kerala, India.” in a conference of ‘Mountains of the World’ Ecology, Conservation and Sustainable development held in ***Muscat, Sulthanate of Oman*** on 10-14 February 2008 and Published in proceedings on 2009.

National Journal Publications

1. **Latha. C.** and V.S. G. Thanga. **2010.** Macroinvertebrate diversity of Veli and Kadinamkulam Lakes, South Kerala, India” in Journal of Environmental Biology in Vol. 31: 2010-July.

2. **Latha.C** and V. S.G. Thanga.**2008.** Presented the paper on “Diversity and distribution of Benthic invertebrates in Veli and Kadinamkulam Estuary, South Kerala, India, in The ‘***International Conference on Biodiversity Conservation and Management***’ ***Biocam***, held from 3-6th February 2008, at Cochin University of science and Technology, Cochin Kerala.

Book Chapter Publications

1. Impact of Pollution on Macrobenthic diversity In Mangroves. Published a chapter in the book, Marine Debris Problems and Management published by Chintha Publishers, Thiruvananthapuram, Ed. January 2021, pp 105-110. ISBN 978-93-90301-15-7)

2. Impact of Pollution on Macrobenthic diversity In Mangroves. Published a chapter in the book, Marine Debris: Problems and Management published by Directorate of Environment and Climate Change, Thiruvananthapuram, Ed. January 2020 Pp.121-128. ISBN 978-81-930193-4-4)

3. Growth enhancement of pea plant (*Pisum sativum*) using seaweed extract an

organic fertilizer. Published a chapter in the book, Recent trends in biomedical science and informatics(RTBSI-2018) by GRENZE Scientific Society Pp. 165-170. ISBN:978- 81-936117-3-9

4.Seaweed extract an alternative to chemical pesticide for leaf disease in pea plant (*Pisum sativum*). Published a chapter in the book, Marine and Coastal Biodiversity and its conservation for future generations / Neena Suzzan Joshua, APH Publishing Corporation. ISBN- 978-93-313-2566-2.

International Conference Publications

1. Prakash Williams and **Latha C.**2019. Isolation and characterization of Uropathogens from hospital environments and their control using medicinal plants. Presented in International conference on Advanced Innovation in Science Engineering and Technology (ICAISSET-2019) organized by Sree Aiyappa College, Chenganoor, Kerala held on November8-9, 2019.

2. **Latha C.**, Y. Mumthas, M S. Diviya. 2018. Macrofaunal diversity along Ayiramthengu mangroves. Proceedings of the International Conference on ‘Innovations and Sustainable Research in Environment and Life Sciences. Organized by Fathima Matha College on 7-14 August 2018. ISBN - 978-81-89152-06-2.

3. **Latha C.**2017. Diversity and distribution of benthic macroinvertebrates in Veli and Kadinamkulam Estuary of South Kerala, India. Proceedings of the International seminar on ‘Coastal Biodiversity Assessment’ Jan 5-7(COBIA-2017) Mar Gregorios College, Kottarakara., D-03; 164-171.

National Conference Publications

1. **Latha C** and Prakash Williams. 2018. Growth enhancement of pea plant (*Pisum sativum*) using seaweed extract an organic fertilizer. National Seminar on ‘Recent trends in biomedical science and informatics(INFOFEST-2018) Organized by Sree Aiyappa College, Chenganoor,Kerala from 27-28April.
2. Prakash Williams, S. M. Jeena, D. Aradhana, **Latha C**. 2019. Isolation and characterisation of heavy metal resistant fungi from industrial sites of Chavara, Kollam. National Seminar on Environmental Status of Estuarine and coastal ecosystems in India (ECEI) at the department of Environment sciences, university of Kerala, Kariavattom in March 2019. (ISBN – 978-93-5346-926-9) 151-52.
3. **Latha C** and Prakash Williams. 2018. Macrobenthic diversity: a tool for biomonitoring in selected reaches of Sasthamcotta lake, a hotspot area. National Seminar on “Emerging challenges in biodiversity conservation with special reference to recent trends in ecotoxicology”(ECBCRTET- 2018) organized by M. S. M. College Kayamkulam, Kerala from 26-27 February. (ISBN -978-93-5291-469-2) 39-48
4. **Latha C**. 2017. Sea weed extract an alternative to chemical pesticide for leaf disease in tomato (*Solanum lycopersicum*). National Seminar on ‘Recent Innovations and current trends in biological sciences (RICTBS)’Feb 8-10. Bishopmoor College, Mavelikara, Kerala.

Workshops Attended

1. National Training Program on Microbial Technology, held on April 04 to 07, 2017, at Planktonology, Manonmaniam Sundaranar University, Rajakamamgalam, Kanyakumari

Dist, Tamil Nadu.

2. One Week training program on "Molecular Biology and Animal Cell Culture" from April 8th to 12th 2019 on Athmic Biotech solutions Pvt Ltd, Thiruvananthapuram.

Other Publications

NA

Other Relevant information

PG DLMC Convener

Co-Convener of Science Club (2012-2014)

Member of Film and Media Club (2014-15)

Member of Biodiversity club

Member of Women's Club

Member of Discipline committee

Member of Literature and Arts Club

Member of Escort of Cultural Team of University Youth Festival

Member of Seminars and workshops conducted in the Department

Additional Resources

Nil