

# Dr.MOLY.B

Assistant Professor of Zoology (On Contract)

International Publications-5

Conferences (International-2)(National-07)

## AWARDS & ACHIEVEMENTS

- First Rank in M.Sc Zoology Examination June 2009.
- State Eligibility Test Qualified
- Dr.K Bhaskaran Nair memorial gold medal
- Dr.N G Kurup Memorial gold medal

## PUBLICATIONS

- Moly B and Sheela S. Bioaccumulation of Heavy Metals in Fish *Liza parsia* (Hamilton, 1822), from Kayamkulam Estuary. *Uttar Pradesh Journal of Zoology*. 45(3):17-24, 2025.
- Sheela S and Moly B. Geochemical characteristics of Heavy Metals Congratulation in Sediments of Kayamkulam Estuary, *Bulletin of Environment, Pharmacology and Life Sciences*. 14(5): 24-30, 2025.
- Status of Pesticide Contamination in Kayamkulam Estuary with Special Reference to Fishes, *Journal of Advanced Zoology*, 41(1&2):15-26, 2020.
- Sheela S and Moly B. Study on Brachyuran Crab Diversity of Ayiramthengu Mangrove Alappuzha. *Journal of Emerging Technologies and Innovative Research*, 5(11): 780-788, 2018.
- B.Moly and Amina S Heavy Metal Concentration of Fish *Etroplus suratensis* From Kayamkulam Backwater, Kerala, *Indian J.Sci.Res.* 18(2): 88-91, 2018.
- Moly B and Amina. Effects of Heavy Metal on the Physical And Chemical Parameters Kayamkulam Backwater, Alappuzha District, Kerala, *International Journal of Current Research*, 9(5):50143-50146, 2017.
- Moly B and Amina. Heavy Metal Analysis in Fish, *Etroplus maculatus* (Bloch, 1795) of Kareepuzha



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## QUALIFICATION

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

## DATE OF JOINING

02.02.2020

## EXPERIENCE IN YEARS

2 years

## AREA OF RESEARCH

Toxicology

Biodiversity

Chaal, Kayamkulam, Kerala , *Journal of Applied Zoological Research*. 29(2): 194-201,2018.

- Moly B and Amina. Assessment of Water Quality Parameters in Selected centers of Kayamkulam Etuary, Kerala, *Journal of Marine Biological Association of India*, : 60(1): 19-22,2018.

## PAPER PRESENTATIONS

- Presented a poster entitled „**A study on effect of Pesticides on Insects of paddy field with reference to Onattukara**,,,in the section of Environmental Sciences, 102<sup>nd</sup> Indian Science Congress held at University of Mumbai ( January 3 – 7, 2015)
- Presented a poster entitled “**A study on the Analysis of Heavy metal Pollution in the Ground water of Murikkumoodu Solid Waste Disposal site (MSW) Kayamkulam Municipality**”, National seminar on Solid waste Management, St: Stephen’s College Pathanapuram, Kerala (Sep 17-18 2015).
- Presented a poster entitled “**A study on the Assessment of Heavy metal concentration Kayamkulam Back water**” in the section of Environmental Science, 103<sup>rd</sup> Indian Science Congress held at University of Mysuru (January 3 – 7, 2016 ).
- Presented a poster entitled “**A study on the Effects of waste disposal on the surface water quality of Murikkumoodu, Kayamkulam**. National seminar on emerging challenges in Biodiversity with special reference to recent trends in ecotoxicology, Milad- E-Sherif Memorial College Kayamkulam ,Kerala (Feb 26-27 2018).
- Presented a poster entitled “**The status of pesticide pollution in Kayamkulam backwater Alappuzha district, Kerala**” Proceedings of National Seminar on blue Economy: fostering sustainable development and profitable resource utilization on 22 & 23 August 2017 at PG and Research Department of Zoology, FMN College, Kollam.

## SEMINARS ATTENDED

- National seminar on Solid Waste Management, St: Stephen’s College Pathanapuram, Kerala. (Sep 17-18, 2015).
- National seminar on Recent Trends in wetland Pollution studies using Bio monitoring protocol (Feb 22-24, 2016).
- National Seminar on blue Economy: fostering sustainable development and profitable resource utilization on 22 & 23 August 2017 at PG and Research Department of Zoology, FMN College, Kollam.
- National seminar on emerging challenges in Biodiversity with special reference to recent trends in ecotoxicology, Milad- E-Sherif Memorial College Kayamkulam, Kerala (Feb 26-27 2018).

## WORKSHOPS ATTENDED

- Participated in 2 days workshop “Fundamentals & Application of Biostatistics “ organized by CEPC laboratory and Technical Division ,Kollam and S.N college , Kollam ( 18 – 19 August ,2014 ),Cashew Bhavan ,Kollam.
- Participated in the training workshop on Contemporary research Methodologies & Techniques” conducted by the Christ university , TVM ( August 21- 22, 2015 ).
- Participated in 3 days workshop on Invasive Species: Monitoring and Management organised by Department of Environment and Climatic change and Department of Zoology ,T K Madhava Memorial College, Nangiarkulangara.