

Dr Razeena Karim L

Assistant Professor and Head
Dept. of Zoology
Christian College, Kattakada
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ACADEMIC DETAILS

Course	Duration	University
Ph.D In Zoology Title: Ecobiological aspects of an estuarine fish <i>Liza parzia</i>	2015	University of Kerala
Mphil Environmental Science	2008	University of Kerala
Msc Zoology	2002-2004	University of Kerala
BSc Zoology	1997-2000	University of Kerala
B.Ed Natural Science	2000-2001	University of Kerala

AREA OF ACADEMIC INTERESTS

Environmental biology, Fish biology, Toxicology, Pollution

ACADEMIC BODIES/ DUTIES

- Head of the Department, Department of Zoology, Christian College, Kattakada
- As a **Reviewer** of academic journals, African Journal of Microbiology Research (**AJMR**) and journal of fisheries (from 2016 onwards)
- Mentor SSP Christian College, Kattakada (2019)
- **Programme Coordinator – World Wetland day 2019**, Department of Zoology, Christian College, Kattakada on 4th February 2019.
- **Programme Coordinator – Wild life Week Celebrations 2018**, Department of Zoology, Christian College, Kattakada on 8th October 2018.
- **Member- NAAC Sub Committee-** Fatima Mata National College (Autonomous), Kollam, Kerala(2017-2018).
- **Member- NIRF Committee-** Fatima Mata National College (Autonomous), Kollam, Kerala. (2017-2018).
- **Member – Green Audit Committee-** Fatima Mata National College (Autonomous), Kollam, Kerala(2017-2018)

- **Mentor-** Students Supportive Programme (SSP) at Department of Zoology, St Gregorious College, kottarakkara (2015-2017)
- **Organizing Committee member- International seminar** on Coastal Biodiversity Assessment (COBIA 2017) Department of Zoology, St Gregorious College, Kottarakkara.
- **Organizing Committee member- World Wetlands Day 2018** Department of Zoology, Fatima Mata National College (Autonomous), Kollam, Kerala.
- **Organizing Committee member- National seminar** on Blue Economy: Fostering Sustainable Development and Profitable Resource Utilization organized by Department of Zoology, Fatima Mata National College (Autonomous), Kollam, Kerala.
- **Editorial board member- Proceedings of national seminar** on Blue Economy: Fostering Sustainable Development and Profitable Resource Utilization organised by Department of Zoology, Fatima Mata National College (Autonomous), Kollam, Kerala

CORE COMPETENCIES

- Teaching using innovative methods
- Expertise in handling MS office
- Proficiency in using the web platform such as Google meet, Zoom etc.

RESEARCH/ ACADEMIC EXPERIENCE

March 2005 to February 2009

Designation : Project fellow
Institute : Fatima Mata National College, Kollam

May 2010 to May 2012

Designation : Junior Research Fellow
Institute : Fatima Mata National College, Kollam

May 2012 to October 2014

Designation : Senior Research Fellow
Institute : Fatima Mata National College, Kollam

August 2015 to September 2015

Designation : Research Associate
Institute : Kerala Agricultural University, Vellayani

October 2015 to June 2017

Designation : Assistant Professor (FDP substitute)
Institute : St. gregorios College, Kottarakkara

July 2017 to March 2018

Designation : Assistant Professor (On Contract)

Institute : Fatima Mata National College, Kollam

June 2018 to January 2021

Designation : Assistant Professor (On Contract)

Institute : Christian College, Kattakada, Thiruvananthapuram

February 2021 to –

Designation : Assistant Professor and Head, Department of Zoology

Institute : Christian College, Kattakada, Thiruvananthapuram

FUNDED RESEARCH PROJECTS

BOOKS & CHAPTERS

- **Razeena Karim L** Heavy Metal Accumulation in Fishes-A case study from Ashtamudi Lake, published by Akinik Publications, New Delhi, (2019): **ISBN No:9789353354459**.
- **Razeena Karim, L & Sherly Williams, E**, A Hand Book on Human Health and Sex Education, *R & R Publications*, India, (2014) **ISBN : 978-93-5291-774-7**
- **Razeena karim L & Sherly Williams E**, Physiological Psychology, Notion Presss, Chennai (2018) (2018) **ISBN No: 9781643242651**

PUBLICATIONS

- **Razeena Karim L. & S.M. Alina** (2022): Sighting of Palm King Amathusia phidippus, a rare species of butterfly from the coastal region of Thiruvananthapuram district, Kerala, India. *J. Bombay Nat. Hist. Soc.* 119. doi: 10.17087/jbnhs/2022/v119/155860
- **E. Sherly Williams, V. Lekshmi Priya, L. Razeena Karim**, Bioaccumulation of heavy metals in edible tissue of crab (*Scylla serrata*) from an estuarine Ramsar site in Kerala, South India, *Watershed Ecology and the Environment*, 2022 : 59-65.
- **Razeena Karim L., Vineetha S. and Sherly Williams E.** *Journal of Aquatic Biology & Fisheries*, Status of True and Mangrove Associates in the Ashtamudi Estuary, 2021 pp. 1-3
- **Razeena Karim L** Nutrition and Food Toxicology, Analysis of Heavy Metals and Some Constituents in Soft Drinks, 2018:332-338
- **Razeena Karim L** Trends in Applied Science Research, Length-Weight Relationship of Gold Spot Mullet-*Liza parsia* from Ashtamudi Lake, Kerala 2020, 54-58
- **E Sherly Williams and Razeena Karim L** *Journal of Ecotoxicology and Environmental Monitoring* Effect of environmental parameters on the burrowing behaviour of the estuarine bivalve *Villorita cyprinoids* 21(4), 2011 389-395.0971-0965

- **Karim L Razeena**, Williams E Sherly and Jaya DS Research journal of Chemistry and Environment Studies on the ground water and surface water quality in the surroundings of Kureepuzha solid waste dumping site in Kollam district, South India.15(2) 2011 952-958
- E Sherly Williams and **L Razeena Karim** and P V Vijayalakshmi Journal of Ecotoxicology and Environmental Monitoring, Hydrography and Mangrove Occurrence of Selected sites in Ashtamudi lake, Kollam, Kerala. 22(5), November 2012
- P V Vijayalakshmi, E Sherly Williams, J Jean Jose, **L Razeena Karim** and M S Vishnu Nair Journal of inland fisheries society of India. New record of *Ligula intestinalis* (Linnaeus, 1758) (Cestoda:Pseudiphyllidea) infection *Hypselobarbus thomassi* from the western Ghats of Kerala, India. 44 (2), 2012 108 – 109
- E Sherly Williams, J Jean Jose, P V Vijayalakshmi, **L Razeena Karim** and M S Vishnu Nair Journal of Bombay Natural History Society, India Sexual dimorphism in *Hypselobarbus kurali* (pisces: cyprinidae). 110 (1) (2013) 82-83
- **Razeena Karim** and Sherly Williams Journal of basic and applied Biology. Study of gonadosomatic index of *Mugil parsia* (ham.) of Ashtamudi lake, Kollam, Kerala 7(3), July 2013:161-163
- Vishnu Nair M S, Lekshmi Priya V, Seethal Lal S, Remya M, Angel Mary J, **Razeena Karim L** and Sherly Williams E Journal of Basic and Applied Biology. Comparative Study On Water Quality and growth rate of a Culture Fish (*Oreochromis mossambicus*) with reference to filter efficiency. 7(3), July 2013 36-38
- V S Beena, E Sherly Williams, **L Razeena Karim** and M S Vishnu Nair Journal of Biological Sciences. Erythroplasma and Vertebral Dysplasia in *Mystus gulio*. 12(8), 2013 701-706
- Sherly Williams E, J Jean Jose, M S Vishnu Nair, P V Vijayalakshmi, and **L Razeena Karim** Journal Of Inland Fisheries Society of India. Taxonomic notes on diverse *hypselobarbus* sp distributed along southern westernghats, kulathupuzha, India.46(2), 2014 93-95
- Sherly Williams E, Lekshmi Priya V, **Razeena Karim L** European Journal of Biomedical and Pharmaceutical Sciences. Morphological alterations caused by pollution on gills and fins of *Peneaus monodon* 2(4): Jul 2015 569-575
- **L Razeena Karim** and E Sherly Williams Nature, Environment and Pollution Technology.Accumulation of heavy metals in surface water of Ashtamudi lake, Kollam, Kerala. 14(2): 2015 431-434
- Sherly E Williams, P Vijayalakshmi, Allen Benziger, **Razeena Karim** and Vishnu Nair North american journal of aquaculture. Artificial rearing of endemic Red-tailed barb *Hypselobarbus kurali*: A first report 78: Apr 2016 161-167 1522-2055
- Sherly Williams E, Lekshmi Priya V and **Razeena Karim L** The American Journal of Science and Medical Research. Staphylococcal infection on the fins of an estuarine fish- *Etroplus suratensis*' 1(2):January 2016175-178

- **Razeena Karim L** International Journal of Current Trends in Science and Technology Reproductive biology of *Liza parsia* from Ashtamudi lake, Kollam, Kerala, India. December 2017 20465-20474 0976-9498
- **Razeena Karim L** and Reny Varghese Millennium Zoology Pathogenic effect of root Nematode *Meloidogyne incognita* on *Coleus blumei* 2004 84 0973 – 1946
- **L Razeena Karim** , Sherly Williams E and Vishnu Nair MS The Ecoscan. The Municipal Solid Waste Dumping on Ashtamudi lake, Kollam, Kerala- an overview. 1 (2012) 105-110.
- Sherly Williams, E, Beena, V.S, **Razeena Karim, L** and Seethal Lal SJournal of Toxicology and Environmental health sciences. Response of liver and gills of *Mytus gulio* to the heavy metal pollutants and metacercarian Infection. 6(8), (2014) 120-125.
- **Razeena Karim, L** and Dr. Sherly Williams, E The International Journal of Science & Technoledge. Bioaccumulation of Heavy metals in an estuarine fish *Liza parsia* of Ashtamudi lake-Southwest coast of Kerala, India. 2(3), (2014) 168-171
- **Razeena Karim, L** and Sherly Williams, E Journal of Science. Bioaccumulation of lead in the muscle of an estuarine fish *Liza parsia* of Ashtamudi Lake-southwest coast of Kerala, India. 4(3), (2014) 174-176.
- **Razeena Karim, L** and Sherly Williams E International journal of current research Heavy metal Accumulation and Associated Histological changes in the ovary of *Liza parsia* (Ham, 1822). 7(1), (2015) 11866-11868.
- **Razeena Karim, L** and Sherly Williams E 20th Swadeshi Science Congress Impact of solid waste on ground water- a case study in the surroundings of kureepuzha waste dumping site in kollam district 2010
- **Razeena Karim, L** and Sherly Williams, E Proceedings of 4th international conference on anthropogenic impact on environment and conservation strategy. Municipal Solid Waste dumping on Ashtamudi Lake, Kollam, Kerala- An Overview 2012 256
- **Razeena Karim, L** and Sherly Williams, E Proceedings 25th Kerala Science Congress
- Accumulation of heavy metals in the surface water of Ashtamudi lake, Kollam, Kerala. 2013 73-75
- **Razeena Karim, L** and Sherly Williams, E National Seminar on Water Resource Management: Present status, Conservation and Co Operation Impact of Vertical Variation of Temperature and Dissolved Oxygen in Water of Kallada River, Kulathupuzha Region. 2013 262-265
- **Razeena Karim, L** and Sherly Williams, E MECOS 2 The fish gill and fin: Site of action for toxic effect of environmental pollutants. 179-181
- **Razeena karim L** and Sherly Williams E Proceedings on the national seminar on blue economy Histological changes associated with heavy metal accumulation in *Liza parsia* (Ham, 1822) with special references to ovaries. 2017 212-214
- Sherly Williams, E, Pramod Kiran, R B, Vishnu Nair, M S., & **Razeena karim, L** Proceedings of 4th international conference on anthropogenic impact on environment and

- conservation strategy, Occurrence of phytoplankton in Thavakkal aar, Thiruvananthapuram. 2012 254
- Sherly Williams, E., Vishnu Nair, M.S., **Razeena Karim, L.**, & Seethal Lal, S. Proceedings national Seminar On Emerging Trends in Indian Aquaculture, Transportation of Fishes Belonging to Genus Puntius- An assessment of fish Mortality 2013 139.
 - Vishnu Nair, M.S., Sherly Williams, E., **Razeena Karim, L.**, & Seethal Lal, Proceedings national Seminar On Emerging Trends in Indian Aquaculture Gut Content Analysis of Hypselobarbus Kurali as a first step of Captive Breeding. 2013 61
 - Vishnu Nair, M.S., Sherly Williams, E., **Razeena Karim, L.**, & Seethal Lal, Proceedings national Seminar On Emerging Trends in Indian Aquaculture New Record of Senga Species (Cestods: Pseudophillidea) infection in Hypselobarbus Kurali From the western Ghats of Kerala, India. 2013 100
 - **Razeena Karim L** Proceedings COBIA ,2017 A study on histopathological changes in the gonads of an estuarine fish Liza parsia (Ham,1822) 2017 464-468.

INVITED LECTURE

SYMPOSIA & WORKSHOPS

- Participated in the UGC Sponsored Online National Webinar on NEP 2020: Changing roles of teachers conducted by the UGC Human resource Development centre, University of Kerala, Kariavattom, Trivandrum on 5/09/2022.
- UGC sponsored Induction Programme conducted by UGC-Human Resource development Centre, University of Kerala, Kariavattom, Trivandrum from 03/02/2022 to 02/07/2022.
- A four week induction/Orientation programme for faculty in Universities/Colleges/Institutes of Higher Education from 21 March to 19 April 2022.
- **Coordinator -Webinar + Virtual Tour to Natural History Museum Organised by** Department of Zoology , Christian College, Kattakada in association with Trivandrum Zoo and Museum, Government of Kerala on 19th September 2020.
- **Coordinator** -A webinar on Mental health and wellbeing during and after covid 19 conducted by Department of Zoology, Christian College, Kattakada on 15th August 2020.
- Coordinator -Webinar conducted by Department of Zoology in association of International Tiger Day On 27th July 2020.
- One day Seminar on “Carbon Foot Print & Ocean literacy” organized by Department of Museums & Zoos as part of the World Environment Day 2019.

- One day Seminar on “Environmental degradation consequent of Kerala floods 2018 and remediation” organized by University College on 2nd March 2019.
- One day Seminar on “Importance of Wetlands” on 4th February 2019 Organized by Department of Zoology, Christian College, Kattakada supported by KSCSTE.
- One day seminar on “Importance of Wildlife” on 8th October 2018 Organized by Department of Zoology, Christian College, Kattakada supported by WWF.
- 4th International seminar conducted by Swami Vivekananda Association of Science and Humanities on 22nd December 2018.
- National workshop on integrative Biology: “Innovative Teaching in Biology” held on 21st May 2018 in the Inter University Centre for Evolutionary and Integrative Biology(iCEIB), University of Kerala, Kariavattom, Thiruvananthapuram.
- National Seminar on Blue Economy: Fostering Sustainable Development and Profitable Resource Utilization- held on 22& 23 August 2017 Organised by PG and Research Department of Zoology, Fatima Mata National College, Kollam.
- International seminar on coastal Biodiversity Assessment (COBIA,2017) on January 5-7 at St. Gregorios College, Kottarakara.
- National seminar on recent trends in Wetland pollution studies using Bio monitoring protocol Organised by Department of Zoology, N S S College, Pandalam on 22nd - 24th February 2016.
- International symposium Marine Ecosystems Challenges and Oppoutunities-2 held during 2 to 5 December 2014.
- One day Seminar on Environmental Toxicity Organised b Department of Zoology , St Gregorios College, Kottarakkara on 15th January 2014.
- Two day world Environmental Day Celebration organized by Department of Environmental Sciences, University Campus, Kariavattom, Tvpm on 5th and 6th June 2014.
- International Seminar on Advances in Aquaculture Technologies (ISAAT-2013) organized by Department of Zoology, All Saint’s College, Thiruvananthapuram: 18-19 July 2013.
- National Seminar on water resource management: Present Uses, Status, conservation and co-operation. Organized by Department of Zoology, Bishop moore College, Mavelikkara:20-22 March 2013.
- 25th Kerala Science Congress held from 29th January to 1st February 2013 at Technopark, Thiruvananthapuram.
- National Seminar on challenges in Biodiversity Conservation in the context of Climate Change held at Department of Zoology, University, Kariavattom, from 28th to 29th May 2013.
- National seminar on Emerging Trends in Indian Aquaculture (Etia 2013): 21-23 March 2013

- International seminar on Anthropogenic Impact on Environment and Conservation Strategy: November 2-4, 2012.
- Workshop on Emerging Statistical Tools in Life Sciences; April 11-13,2012.
- 25th Kerala Science Congress held from 29th to 31st January, 2011 at Centre for Earth Science Studies, Thiruvananthapuram.
- National Seminar On Climate changes : Global Risks, Challenges and Decisions at Department of Zoology, Fatima Mata National College, Kollam: January 6 and 7, 2011.
- National Seminar Future of Indian Fisheries:Emerging policy paradigms held at Department of Aquatic Biology and Fisheries, University of Kerala on 19th April 2010.
- 20th Swadeshi Science Congress at Central Marine Fisheries Research institute: November 6-8, 2010.
- Workshop on value added fish by products for income generation at Fatima Mata National College, Kollam: February 10&11, 2010
- 97th Indian Science Congress held at Kariavattom from January 3 to 7, 2010.
- National Symposium on Recent trends in Biodiversity Conservation and Environmental Biotechnology Organised by Department of Zoology, Fatima Mata National College, Kollam on 11th and 12th 2007.

ACHIEVEMENTS

- Maulana Azad fellowship from UGC for doing Ph.D
- III rank in B.Ed from Kerala University
- Young women Researcher Award

PERSONAL DETAILS

Profile	: Female, Married
Nationality	: Indian
Date of Birth	: 10/05/1980
Current Location	: Town/City, State
Name of Father	: Dr M A Karim
Qualification	: MSc Mphil, B.Ed, SET, Ph.D
Languages known	: English, Malayalam, Hindi
Hobbies	: Reading, writing, hearing songs

PERMANENT ADDRESS

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 Vellayani Junction
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 Thiruvananthapuram 695020