



**DEEPTHI, G.R. M.Sc., B.Ed., M.Phil., Ph.D.**

### ***Official Address***

Associate Professor & HoD  
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### ***Address***

Hridyam  
Elamannoor P. O.  
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### ***Education***

- Doctor of Philosophy, Zoology, University of Kerala –2009
- Master of Philosophy, Aquatic Biology & Fisheries, University of Kerala–2004
- Bachelor of Education, Natural Science, Titus II Teachers Training College, Thiruvalla, Mahatma Gandhi University–2002
- Master of Science, Zoology (Specialisation in Fish Biology & Fishery Science), Catholicate College, Pathanamthitta, Mahatma Gandhi University– 2001
- Bachelor of Science, Zoology, Catholicate College, Pathanamthitta, Mahatma Gandhi University– 1999

### ***Teaching Experience***

- Guest lecturer in the PG & Research Dept. of Zoology, NSS College, Pandalam during the academic year 2008-2009.
- Assistant Professor in the Department of Zoology, Bishop Moore College, Mavelikara, Kerala 2009-2021.
- Associate Professor in the Department of Zoology, Bishop Moore College, Mavelikara, Kerala since 2021

### ***Research Experience***

- Ph.D work entitled “Biodiversity Associated with the by catch of Bottom Trawlers operating from Sakthikulangara and Neendakara Fishing Harbours, Kerala”
- M. Phil. Dissertation entitled “Molecular stress response of the Long- arm mullet, *Valamugilcunnesius*(Val.), to *Philometra cephalus*(Nematoda) infection”

- Worked as research associate in a major project entitled as “Biodiversity assessment, Nutritional status and economic evaluation of non-target species wasted by trawlers in the fishing harbours of Kerala” sponsored by KSCSTE.
- Completed one UGC Minor Research project entitled Biodiversity, Ecology and Conservation of mangroves in Ayiranthengu area, Kollam District, Kerala

### ***Research Interests***

- Research area includes Taxonomy and Biodiversity of Aquatic organisms.

### ***Research Guideship***

- Recognized Research Supervisor in Zoology, University of Kerala

### ***Achievements***

- Participated and Presented papers in several national seminars/workshops
- Qualified State Eligibility Test

### ***Trainings Attended***

- Attended a training programme on Informatics skills, conducted jointly by IHRD and Kerala State Higher Education Council on 2009 at Thiruvananthapuram.
- Orientation Course for college teachers - UGC- Academic Staff College, Thiruvananthapuram in June 2010.
- Refresher course in Life Science UGC- Academic Staff College, Thiruvananthapuram in July 2013.
- Refresher course in Special Summer School from to 11/07/2017 to 31/07/2017 at UGC-HRDC Thiruvananthapuram.
- One Week Faculty Development Programme in Science (Philosophy of Science) organized by Kerala State Higher Education Council at School of Environmental Sciences, M.G. University, Kottayam from August 29 - September 02, 2019.
- UGC Sponsored Refresher Course in Environmental Sciences (Interdisciplinary) Conducted by UGC- HRDC, University of Kerala, Thiruvananthapuram from January 11 - 24, 2020.
- One Week Faculty Development Programme on Higher Education During COVID Times and After: Challenges and Opportunities organized by IQAC, Bishop Moore College, Mavelikara in association with Kerala State Higher Education Council during 23-29 May 2020.
- FDP on “Moodle Learning Management System” organized by Bishop Moore College, Mavelikara with course material provided by Spoken Tutorial Project, IIT Bombay from 19- 23, October 2020.
- One Week FDP on Moodle Based Learning Management System and Course Design conducted by Faculty Development Centre, KSHEC, Thiruvananthapuram during 23-28 June, 2022

## ***Publications***

- Biju Kumar, A. and **G. R. Deepthi** 2006 Trawling and by-catch: Implications on marine ecosystem. *Current Science*, 90 (7), 922-931
- Biju Kumar, A. and **G. R. Deepthi** 2006 Biodiversity Associated with Trawl By-catch in Kerala Coast. *Malabar Trogon* (Quarterly news letter of Malabar Natural History Society),3(3):4-7
- Biju Kumar, A., Sushil Kumar, **G. R. Deepthi** and V. Sasikala 2006 Diversity of Molluscs in the Bycatch of Trawlers at Neendakara Fishing Harbour, Kerala. *Millenium Zoology*, 6(1):20-28
- Jayalekshmi, R., **Deepthi, G.R.**, Padmakumaran Nair, K.G., and Biju Kumar, A. 2006 Proximate composition of *Scylla serrata* (Forsk.) and *Portunus sanguinolentus* Herbst(Brachyura:Portunidae). *Biores.* 2: 42-51
- Biju Kumar, A., Susheel Kumar, M., **Deepthi, G.R.** and Mithun, S. 2007 Sea snakes associated with trawl by-catch of Kerala coast,India.*Cobra*,65(1): 1-4
- **Deepthi, G.R.**, Sreekala, L.K., Sunil, M.S., Tresa Radhakrishnan and Radhakrishnan, S. 2007Molecular stress response of the Long- arm mullet, *Valamugil cunnesius* (Val.), to Philometracephalus(Nematoda) infection. *Ind. J. Multi. Res.*,3 (2): 327-334
- **Deepthi G.R.** and Biju Kumar, A. 2007 Biochemical constituents of fish and shellfish associated with trawl by-catch of Kerala coast. In:Proceedings of 19<sup>th</sup> Kerala Science Congress, (A.E.Muthunayagam,Ed.) Kannur,pp.164-166
- **Deepthi G. R.** and Biju Kumar, A. 2008 Utilization of trawl by-catch in Neendakara-Sakthikulangara fishing harbours, Kerala,India. In:Book of Abstracts of International conference on biodiversity conservation and management, *BIOCAM 2008*, CMFRI, Cochin, pp.220-221
- Radhakrishnan S., A. Magitha Beevi, **G.R. Deepthi** and TresaRadhakrishnan 2009 *Philometra cephalus* (Nematoda) infection of the gonads of the long-arm mullet, *Valamugil cunnesius*- Histopathology. *Ind. J. Multi. Res.*, 5 (1): 93-102
- Biju Kumar A. and **G.R. Deepthi** 2009 Diversity of flatfishes (Order: Pleuronectiformes) along the Kerala coast of India, with notes on two rare species. *Indian J. Fish.*,56(3): 211-214
- Bijukumar A. and **G.R. Deepthi** 2009 Mean trophic index of fish fauna associated with trawl by catch of Kerala, South west coast of India. *J. Mar. Biol. Ass. India* 51(2): 145-157
- **Deepthi G.R.** and A. Biju kumar 2011 Diversity of sponges and corals in the by-catch of bottom trawlers at Neendakara fishing harbour, Kerala. In: Proceedings of National Seminar organized by Christian College, Chengannur, pp.132-141
- Bijukumar, A., **Deepthi, G.R.** and K.G. Padmakumaran Nair 2013 Proximate Composition OfFish In the Trawl By-Catch and Discards of Kerala, South-West Coast of India. *J. AquaticBiology & Fisheries*Vol.1(1 &2): 106-116
- **Deepthi G. R.** and Bijukumar. A. 2013 Length-Weight Relationship and Length Class distribution of Fish Fauna in the Trawl By-Catch of Sakthikulangara and Neendakara Fishing Harbours, Kerala. (Eds. Laly Jacob & Deepthi G.R.) Water Resource

- Management: Present Uses, Status, Conservation and Co-operation (ISBN 978-81-7821-545-7) published by Bishop Moore College, Mavelikara.pp.266-278
- **Deepthi G.R.** and Bijukumar. A.2013 Rare, Endangered and Threatened Species Associated with Trawl By-Catch of Neendakara Fishing Harbour, Kerala. (Eds. Laly Jacob & Deepthi G.R.) Water Resource Management: Present Uses, Status, Conservation and Co-operation (ISBN 978-81-7821-545-7) published by Bishop Moore College, Mavelikara. Pp.117-130.
  - **Deepthi G. R.** and Saluja Krishnan 2018 A Study on Mangrove Diversity and Fish Faunal Diversity in Ayiramthengu Mangrove Ecosystem, Kollam District, Kerala. "Recent Innovations and Current Trends in Biological Sciences"(ISBN 978-81-938524-7-7) published by P.G. & Research Department of Dept.of Botany, Bishop Moore College, Mavelikara.
  - Reeja Jose and **Deepthi G.R.** 2018 Diversity and abundance of avifauna in four regions of Alappuzha district, Kerala. In: Proceedings of National Seminar on "Problems and Prospects of wetland conservation with special reference to Wetlands of Kerala" organized by P.G. & Research Department of Zoology, N.S.S. College, Pandalam pp100-109.
  - Elsa Elizabeth Koshy and **Deepthi G.R.** 2018 Diversity of Butterflies (Class-Insecta, Order-Lepidoptera) in Bishop Moore College Campus and Adjacent Areas. Mavelikara. In: Proceedings of National Seminar on “Emerging Challenges in Biodiversity Conservation with Special Reference to Recent trends in Ecotoxicology” organized by P.G.& Research Department of Zoology, MSM. College, Kayamkulam. pp 308-316
  - **Deepthi G.R.**and Reeja Jose 2019 A study on megafaunal diversity in Ayirmthengu Mangrove Ecosystem, Kollam District, Kerala. *Science Chronicle - A peer reviewed multidisciplinary science journal*. ISSN: 2319-6955 Vol. 8(No.1 & 2): 31-39
  - Reeja Jose, Somi Cherian and **Deepthi G.R.** 2019 Biomonitoring of a Selected Pond Ecosystem Using Aquatic Insects *Science Chronicle - A peer reviewed multidisciplinary science journal*. ISSN: 2319-6955 Vol. 8(No.1 & 2): 9-14

### ***Book Authorship***

- Co-author of a book titled as Functional Zoology published by Manjusha publications, Calicut
- Co-author of a book titled as Applied Zoology (ISBN 978-93-86218-22-3) published by Manjusha publications, Calicut
- Co-author of a book titled as Nonchordate Zoology published by Manjusha publications, Calicut

### ***Editor***

- Editor of a book titled as Water Resource Management: Present Uses, Status, Conservation and Co-operation (ISBN 978-81-7821-545-7) published by Bishop Moore College, Mavelikara. 312pp.

### ***Positions/Responsibilities held in Bishop Moore College***

- NSS Programme Officer during 2009-2010
- Co-ordinator for the UGC Scheme – coaching classes for entry in services for SC/ST & Minorities in the academic year 2009-2010
- Convenor of Nature Club from 2010 to 2013
- Co-convenor of UGC sponsored National Seminar conducted by Dept. of Zoology in March, 2013
- Member of IQAC from 2013 to 2018
- Convenor of Interdisciplinary Research Committee in the academic year 2017-2018
- Elected member to the Staff council during 2017-2018
- Internal mentor of SSP during 2015- 2017
- General Coordinator of Extension Clubs 2019- 2022
- Staff Council Secretary 2020-2023
- HoD, Department of Zoology since June, 2019