

- **Name:** Dr. Rohini Krishna M. V.
- **Designation:** Assistant Professor & HOD
- **Academic Qualification:** PhD, MSc, CSIR-NET
- **Area of Interest:** Marine Biology
- **Address:** Geethanjali, Njarackal, Perinad(P.O), Kollam-691601
- **Email:** rohini.krishna09@gmail.com
- **Date of joining:** 9-7-2015



Education

Course	Institution	Period
10th –ICSE Board	St John’s Residential Higher Secondary School	2005
12th-ISC Board	Trinity Lyceum	2005-2007
BSc	Sree Narayana College for Women, Kollam	2007-2010
MSc	Sree Narayana College, Kollam	2010-2012
NET	CSIR-NET	2013
PhD	Central Marine Fisheries Research Institute.	2014-2022

PUBLICATIONS (PEER-REVIEWED JOURNALS AND BOOKS)

- Neethu Raj Panickar, Anil M.K., and Rohini Krishna M.V. 2024 Reproductive biology, salinity tolerance of hatchery-reared mysid *Eurobowmaniella simulans*, W. Tattersall, 1915

(Crustacea, Mysida). Journal of Aquatic Biology & Fisheries, 12(1), pp. 1-8.
<http://www.jabf.in/>

■ Neethu Raj, P., Anil, M.K., & Rohini Krishna, M.V. (2024). Histological Authentication of Reproductive Structures of Little Indian Squid *Loliolus (Loliolus) hardwickei*, Grey, 1849 (Cephalopoda: loliginidae). Turkish Journal of Fisheries and Aquatic Sciences, 24(5), TRJFAS23393

■ Anil MK, Rohini Krishna M V, Gomathi P, Surya S, Gop AP, Santhosh B, Siju R, Anand V, Krishnapriya PM, Shalini O, Raju B, Madhu K, and Gopalakrishnan A (2022). Recent advances in marine ornamental breeding and seed production at Vizhinjam Regional Centre of CMFRI, India. Front. Mar. Sci. 9:907568. doi: 10.3389/fmars.2022.907568

■ Raheem, P.K., M.V. Rohini Krishna, S. Surya, P. Gomathi, P.G. Ambarish, B. Santhosh, B. Raju, and M.K. Anil. .2021. Breeding, larval rearing, and growth of black Amphiprion ocellaris (Cuvier, 1830) under captivity. Indian Journal of Fisheries,68(2):60-69 DOI: 10.21077/ijf.2021.68.2.102354 -08

■ Gomathi, P., Anil, M. K., Raheem, P. K., P. Neethu Raj., **M. V. Rohini Krishna.**, Ambarish P. Gop and Surya S.2020 .Egg and Larval Development of Serranid Fish Marcia's Anthias, Pseudanthias Marcia (Subfamily: Anthiinae) Spawned and Reared under Captive Condition. Thalassas: An International Journal of Marine Sciences. DOI 10.1007/s41208-020-00193-0

■ **Rohini Krishna, M. V.**, M. K. Anil., P. Neethu Raj. 2018. Larval development and growth of Red Saddleback Anemonefish, Amphiprion ephippium, (Bloch, 1790) under captive conditions. Indian Journal of Geo-Marine Sciences, Vol 47(12). pp.2421-2428.

■ **Manoharan Pillai Vasantha Rohini Krishna.**,Mathavankonathu Kuttan Anil,Pitchaimuthu Gomathi,Padikkala Kandiyl Raheem, Neethu Raj Pushparajan.2018. Studies on the broodstock production and larval rearing of Coral demoiselle Neopomacentrus nemurus (Bleeker 1857). Aquaculture Research. 00:1 –11. <https://doi.org/10.1111/are.13898>.

■ P. Neethu Raj., M. K.Anil., **M. V. Rohini Krishna.**, P. K.Raheem.2018.Morphological, anatomical and reproductive features of *Loliolus (Loliolus) hardwickei* (Gray, 1849) caught from the Vizhinjam Coast, Kerala, India Indian Journal of Fisheries., 65: 32-39,DOI: 10.21077/ijf.2018.65.1.69157-06.

■ Neethu Raj.P., M.K. Anil and **Rohini Krishna M.V.** 2016. Seasonal availability and population structure of Eurobowmaniella simulans, W.Tattersall, 1915 (Crustacea: Mysidae) along Vizhinjam coast, Kerala. Journal of Marine Biological Association India. Vol;58(1). Pp: 83-90. Available online at www.mbai.org.in. doi: 10.6024/jmbai.2016.58.1.1894-0x. ISSN - 0025-3146(Print) ISSN - 2321-7898 (Online)

■ **M. V. Rohini Krishna.**, M. K. Anil., P. Neethu Raj and B. Santhosh.2016. Seed production and growth of Neopomacentrus cyanomos (Bleeker, 1856) in captivity. Indian Journal of Fisheries., 63(3): 50-56, 2016 DOI: 10.21077/ijf.2016.63.3.55058-06.

AWARDS

- Gold Medal from the University of Kerala in 2010.

SEMINAR/WORKSHOP

- Chaired sessions on February 6th, as part of the 2-day seminar on National Science Day Celebration 2025, organised by the Department of Botany, in association with KSCSTE

INVITED TALKS

- Functioned as a resource person for the certificate course class on evolution and engaged the class on Embryological evidence for evolution, organised by Kerala Sasthra Sahithya Parishad on January 5, 2025.
- Functioned as a resource person for the certificate course class on evolution and engaged the class on “The evolutionary facts revealed by extinct animals,” organised by Kerala Sasthra Sahithya Parishad on May 4, 2025.
- Resource person in the Certificate course Programme on Inland Aquaculture organised by St Thomas College, Chhattisgarh on 22/08/2022
- Resource person in the Certificate course Programme on Inland Aquaculture organised by St Thomas College, Chhattisgarh on 11/12/2021

ACHIEVEMENTS

1. Served as a domain expert for the Voice of Stakeholder Connect during July 2025
2. Evaluator for the District-level Evaluation of YIP 5.0 and 6.0 conducted online from 5th to 7th August 2024
3. Served as Domain Expert for the Voice of Stakeholder connect in Young Innovators Programme 6.0, October 2025
4. Evaluator at Young Innovators Programme 6.0 organised by Kerala Development and Innovation Strategic Council on November 2024.

CHAPTERS IN BOOKS:

B. Santhosh., Ritesh Ranjan., G. Gopakumar., M.K Anil., Sekar Megarajan, P. Gomathi., P Ambarish. Gop., S. Surya., Mijo. V. Abraham., Muhammed Anzeer, K. S Aneesh., **M.V. Rohini Krishna.**, S. Darsana., Shaila Prasad., P.K. Raheem., V. Sugi., Mary Rinju.2018. Use of copepods in marine fin fish larval rearing.*Culture techniques of Marine Copepods*.pp113.CMFRI Booklet No.9/2018ISBN 978-93-82263-23-4.

GEN BANK SUBMISSIONS

30 mitochondrial gene sequences (28 cytochrome c oxidase 1, 1 cytochrome b and 1 16s RNA gene)

1.Rohini Krishna. M.V., Anil M.K., Neethuraj, P., Bijukumar, A. and Dhaneesh, K.V. (2017). *Neopomacentrus cyanomos* CMFRI-VRC-NC-AL-1:16S ribosomal RNA gene,partial cds,Direct Submission, GenBank Accession no: KY514260

2.Rohini Krishna. M.V., Anil M.K., Neethuraj, P., Bijukumar, A. and Dhaneesh, K.V. (2017). *Neopomacentrus cyanomos* CMFRI-VRC-NC-AL-1:cytb gene,partial cds,Direct Submission, GenBank Accession no: KY514261

- 3.Rohini Krishna. M.V.**, Anil M.K., Neethuraj, P., Bijukumar, A. and Dhaneesh, K.V. (2017). *Neopomacentrus cyanomos* CMFRI-VRC-NC-AL-1:(COX1) gene,partial cds,Direct Submission, GenBank Accession no: KX346261
- 4.Rohini Krishna M V.** (2020). *Neoglyphidodon carlsoni* 9:(COX1) gene,partial cds,Direct Submission, GenBank Accession no:MT103147
- 5.Rohini Krishna M V.** (2020). *Neoglyphidodon carlsoni* 27:(COX1) gene,partial cds,Direct Submission, GenBank Accession no:MT103148
- 6.Rohini Krishna M V.** (2020). *Neoglyphidodon carlsoni* 28:(COX1) gene,partial cds,Direct Submission, GenBank Accession no:MT103149
- 7.Rohini Krishna M V.** (2020). *Neoglyphidodon carlsoni* 30:(COX1) gene,partial cds,Direct Submission, GenBank Accession no:MT103150
- 8.Rohini Krishna M V.** (2020). *Abudefduf vaigiensis* 1:(COX1) gene,partial cds,Direct Submission, GenBank Accession no: MT103153
- 9.Rohini Krishna M V.** (2020). *Abudefduf vaigiensis* 33:(COX1) gene,partial cds,Direct Submission, GenBank Accession no:MT103154
- 10.Rohini Krishna M V.** (2020). *Abudefduf septemfasciatus* 5:(COX1) gene,partial cds,Direct Submission, GenBank Accession no:MT103151
- 11.Rohini Krishna M V.** (2020). *Abudefduf septemfasciatus* 8:(COX1) gene,partial cds,Direct Submission, GenBank Accession no:MT103152
- 12.Rohini Krishna M V.** (2020). *Abudefduf sordidus* 8:(COX1) gene,partial cds,Direct Submission, GenBank Accession no:MT103144
- 13.Rohini Krishna M V.** (2020). *Abudefduf sordidus* 14:(COX1) gene,partial cds,Direct Submission, GenBank Accession no:MT103145
- 14.Rohini Krishna M V.** (2020). *Dascyllus trimaculatus* 41:(COX1) gene,partial cds,Direct Submission, GenBank Accession no:MT102230
- 15.Rohini Krishna M V.** (2020). *Dascyllus carneus* 42:(COX1) gene,partial cds,Direct Submission, GenBank Accession no:MT102231
- 16.Rohini Krishna M V.** (2020). *Chromis opercularis* 38:(COX1) gene,partial cds,Direct Submission, GenBank Accession no:MT106124
- 17.Rohini Krishna. M.V.**, Anil M.K., Neethuraj, P., Bijukumar, A. and Dhaneesh, K.V. (2020). *Abudefduf notatus* VRC-49:(COX1) gene,partial cds,Direct Submission, GenBank Accession no:MT106123.
- 18.Rohini Krishna. M.V.** Anil M.K., Neethuraj, P., Bijukumar, A. and Dhaneesh, K.V. (2020). *Pomacentrus moluccensis* VRC-10:(COX1) gene,partial cds,Direct Submission, GenBank Accession no:MT103146
- 19.Rohini Krishna. M.V.**,Anil M.K., Neethuraj, P., Bijukumar, A. and Dhaneesh, K.V.(2020). *Pomacentrus moluccensis* VRC-22:(COX1) gene,partial cds,Direct Submission, GenBank Accession no: MT126827

20.Rohini Krishna.M.V., Anil M.K., Neethuraj, P., Bijukumar, A. and Dhaneesh, K.V. (2020). *Pomacentrus moluccensis* VRC-47:(COX1) gene,partial cds,Direct Submission, GenBank Accession no: MT106121

21.Rohini Krishna.M.V., Anil M.K., Neethuraj, P., Bijukumar, A. and Dhaneesh, K.V. (2020). *Pomacentrus moluccensis* VRC-48:(COX1) gene,partial cds,Direct Submission, GenBank Accession no: MT106122

22.Rohini Krishna. M.V., Anil M.K., Neethuraj, P., Bijukumar, A. and Dhaneesh, K.V. (2020). *Neopomacentrus cyanomos* 11:(COX1) gene,partial cds,Direct Submission, GenBank Accession no: MT103325

23.Rohini Krishna. M.V., Anil M.K., Neethuraj, P., Bijukumar, A. and Dhaneesh, K.V. (2020). *Neopomacentrus cyanomos* 23:(COX1) gene,partial cds,Direct Submission, GenBank Accession no: MT103326

24.Rohini Krishna. M.V., Anil M.K., Neethuraj, P., Bijukumar, A. and Dhaneesh, K.V. (2020). *Neopomacentrus cyanomos* v50:(COX1) gene,partial cds,Direct Submission, GenBank Accession no: MT 103327

25.Rohini Krishna. M.V., Anil M.K., Neethuraj, P., Bijukumar, A. and Dhaneesh, K.V. (2020). *Neopomacentrus cyanomos* v51:(COX1) gene,partial cds,Direct Submission, GenBank Accession no: MT 103328

26.Rohini Krishna. M.V., Anil M.K., Neethuraj, P., Bijukumar, A. and Dhaneesh, K.V. (2020). *Amblyglyphidodon leucogaster* SR717-6-CO: (COX1) gene,partial cds,Direct Submission, GenBank Accession no: MT113085

27.Rohini Krishna. M.V., Anil M.K., Neethuraj, P., Bijukumar, A. and Dhaneesh, K.V. (2020). *Neopomacentrus sindensis* SR717-6-CO: (COX1) gene,partial cds,Direct Submission, GenBank Accession no: MT113105

28.Rohini Krishna M V. (2020). *Pristotis obtusirostris* VIZ-PO:(COX1) gene,partial cds,Direct Submission, GenBank Accession no:MT457600

29.Rohini Krishna M V. (2020). *Pomacentrus chrysurus* VIZ-31:(COX1) gene,partial cds,Direct Submission, GenBank Accession no:MT457599

30.Neethu Raj, P., Anil, M.K., Rohini Krishna, M.V., Biju Kumar, A. and Dhaneesh, K. V. (2016). *Neopomacentrus cyanomos* CMFRI-VRC-ES-1 CO1: (COX1) gene, partial cds,Direct Submission, GenBank Accession no: KX346265

CONFERENCE PROCEEDINGS

INTERNATIONAL

1. Anil, M.K., P. Neethu Raj., M.V. Rohini Krishna and P.K. Raheem.2017. Mariculture for the conservation of coastal biodiversity. Conference Paper, International Seminar on Coastal Biodiversity Assessment (COBIA 2017). ISBN: 978-93-5267-385-8.

2. Neethu Raj. P., M.K. Anil., M.V. Rohini Krishna and P.K. Raheem. 2017. Histological Authentication of Reproductive Structures of Little Indian Squid *Loliolus (Loliolus) hardwickei*, Grey, 1849 (Cephalopoda: Loliginidae). In: (Thomas, S.N., B.M. Rao.,

V.R. Madhu., K.K. Asha., P.K. Binsi., P. Viji., V.K Sajesh and P.N. Jha., Eds.) Fostering Innovations in Fisheries and Aquaculture: Focus on Sustainability and Safety – Book of Abstracts, 11th Indian Fisheries and Aquaculture Forum, ICAR-Central Institute of Fisheries Technology, Kochi and Asian Fisheries Society, Indian Branch, 21-24 November, 2017, Kochi, India, pp. 6.

SEMINARS/CONFERENCES/WORKSHOPS/SYMPOSIA

PRESENTED PAPER/POSTER

1. **Rohini Krishna. M.V.**, M.K. Anil., P. Neethu Raj., A. Biju Kumar., K.V. Dhaneesh. 2017. Leucism (Partial Albinism) In Regal Demoiselle, *Neopomacentrus cyanomos* (BLEEKER, 1856). In: (Thomas, S.N., B.M. Rao., V.R. Madhu., K.K. Asha., P.K. Binsi., P. Viji., V.K Sajesh and P.N. Jha., Eds.) Fostering Innovations in Fisheries and Aquaculture: Focus on Sustainability and Safety – Book of Abstracts, 11th Indian Fisheries and Aquaculture Forum, ICAR-Central Institute of Fisheries Technology, Kochi and Asian Fisheries Society, Indian Branch, 21-24 November, 2017, Kochi, India, pp. 6.
2. **Rohini Krishna. M. V** and M. K Anil. 2014. Challenges in developing a mariculture production system In Zacharia. P.U., P. Kaladharan, V. Molly., N. K. Sanil., J. N. Rekha., and N. Aswathy (Eds.) Marine Ecosystems Challenges and Opportunities (MECOS 2), Book of Abstracts. Marine Biological Association of India, December 2-5, 2014, Kochi, p. 69.
3. Presented a paper titled Captive rearing of Big Fin Squid *Sepioteuthis lessoniana* (Lesson, 1839), exploring the prospects for Juvenile Sea Ranching to Replenish and Sustain Fisheries during the International Seminar on Sustainable Development and Climate Change 2025 (ISSDC-2025) organised by the Department of Zoology, Government Digvijay Autonomous PG College, Rajnandgon, Chhattisgarh from 04/03/2025 to 06/03/2025.
4. World Environment Day Celebrations 2018 organized by SN College, Kollam and sponsored by KSCSTE, Govt. of Kerala on 05 June 2018