

CURRICULAM VITAE

Dr. PREETHA KARNAVER

Assistant Professor and Research Guide

Department of Zoology

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Academic Curriculum

Ph.D. (Zoology)

- PG and Resarch Department of Zoology, NSS College, Pandalam, affiliated to University of Kerala (May 2017)

Ph.D. Topic: Taxonomy and Diversity of Gastropods (Mollusca: Gastropoda) of Kerala coast.

Research Guide : Dr. A BijuKumar, Head, Department of Aquatic Biology and Fisheries, University of Kerala, Thiruvananthapuram

Teaching Experience

- Assistant Professor, at the Post Graduate Department of Zoology, Christian College, Chengannur since 2008
- Lecturer (under Leave Vacancy) at Post graduate and research Department of Zoology, SD college Alappuzha from 1.06.2006 to 31.03.2007 and 18.02.2006 to 31.03.2006

Research Experience

- Approved Research Guide at Post Graduate and Research Department of Zoology, SD College, Alappuzha, Affiliated to University of Kerala
- 16 years of experience in the field of Marine molluscan taxonomy
- Completed KSCSTE funded student project titled “Invitro and In Vivo anti-inflammatory activity of Rasna erandadi Kashayam Extract” (00915/SPS65/2021/KSCSTE) during the period 2021-2022

- Completed KSCSTE student project on “Invitro and In Vivo anti-inflammatory activity of Amrutha shadangam Kashayam Extract” (00931/SPS65/2021/KSCSTE) during the period 2021-2022
- Completed UGC Funded Minor Research Project - Taxonomy and Diversity of Marine Gastropods (Mollusca: Gastropoda) along Kerala Coast. during the period 2010- 2011

Publications

- **Preetha Karnaver** and Biju Kumar, A. (2023) Diversity of Tonnoidea (Mollusca: Gastropoda) from Kerala, with new species records to the West coast of India. Journal of Aquatic Biology and Fisheries, 11 (1) pp 113-123
- **Preetha Karnaver.**, Ajin Madhavan., Ravinesh R., Reshmi, R . Biju Kumar. A and Hari Kumar., B (2023) Diversity of Mollusca (Gastropoda) Along Intertidal Rocky Shores of Thiruvananthapuram District, Kerala Coast. Rec. zool. Surv. India: Vol. 123(iS2)/01-15, pp 374 – 387 DOI: 10.26515/rzsi/v123/i1S/2023/172458
- Reshmi, R., **Preetha Karnaver** and A. Bijukumar (2023). Ecological Interactions Based on Shell Selection in Hermit Crabs (Decapoda: Anomura): A Case Study from Kerala Coast. Rec. zool. Surv. India: Vol. 123(iS2)/01-15, PP 787 -802. DOI: 10.26515/rzsi/v123/i1S/2023/172458
- Raveendhiran Ravinesh, Appukkuttannair Biju Kumar & Preetha Karnaver (2022): Diversity of Conidae (Caenogastropoda: Conoidea) from the Kerala Coast, India, Molluscan Research, DOI: 10.1080/13235818.2022.2034080
- Preetha, K., Ravinesh, R. and BijuKumar, A. (2015) ‘Record of the venomous Vic wee's Cone *Conus vicweei* Old, 1973 (Gastropoda: Conidae) from Lakshadweep Sea’, Journal of Aquatic Biology and Fisheries” (ISSN 2321 – 340X), Volume 3, Issue 2, 2015 pp 121-123.
- K. Preetha, R. Ravinesh, A. Bijukumar, K.V. Dhaneesh and S. George (2014) ‘First record of *Granulifusus poppei* (Mollusca: Fasciolaridae) from Indian Coast’, Journal of Marine Biodiversity records Vol.7; pp: 1-3.

Chapter in Books

- Preetha Karnaver and A. BijuKumar. Biodiversity of marine Gastropods Mollusca: Gastropoda along Kerala coast. Biodiversity and Taxonomy edited by M.P.NAyar, R. V. VARma and C.K. Peethambaran, Narendra Publishing House, 2012, ix, 430p, tables, figs, ISBN: 9789380428925
- Varghese, R., Bharat Dalvi, Y., Lochana, P., Achinthya, S., Omprakash Somani, B., **Karnaver, P.**, ... V.P., J. (2024). Physiochemical and Biomedical Properties of Hydrogels: From Fundamentals to Applications. Intech Open.doi: 10.5772/intechopen.1002027

Paper Presentation

- Presented a paper entitled, ' Taxonomic Distinctness and Spatial Variations of Gastropod Molluscs along Kerala coast, India' at the International Biodiversity Congress (IBC 2018) at Forest Research Institute, Dehradun, Uttarakhand, India during 4th to 6th October 2018
- Presented a paper entitled, 'Analysis of Molluscan diversity in trawl bycatch: A case study from Kerala coast, India' at the National seminar held in association with the Fourth Indian Biodiversity Congress' held at Pondicherry University, Puducherry from 10th to 12th March, 2017
- Presented a paper entitled '*Shell development of Arabian cowry Mauritia Arabica*' at the National Seminar held in connection with the Third Indian Biodiversity Congress at SRM University, Chennai, Tamil Nadu from 18-20th December, 2014.
- Presented a paper entitled "Diversity of conidae (Mollusca : Gastropoda) from Kavaratti and Kalpeni Islands, Lakshadweep with notes on new records' at the Multi-disciplinary National Seminar held at the P.M. Sayeed Calicut University Centre, Androth, Lakshadweep at from 12 -14th January, 2014.
- Presented a paper entitled '*Diversity of economically valuable sea shells (Mollusca: Gastropoda) along Kerala coast*' at the International Conference on Ecosystem Conservation, Climate Change and Sustainable Development (ECOCASD 2013) organised by the Departments of Aquatic Biology & Fisheries, University of Kerala, Thiruvananthapuram and the Department of Biology Ambo University, Ethiopia from 3-5th October, 2013.

Training and Workshops

- Attended a short-term training programme on Recent advances in molecular taxonomy sponsored by ICAR, from 5th to 14th December, 2016 at Central Institute of Fisheries Education (CIFE) Mumbai
- Attended a five-day international training workshop on Taxonomy of Bivalve Molluscs (ITW'01, 2016), organised by Cochin University of Science and Technology from 10-14th May, 2016 at School of Marine Sciences, CUSAT, Cochin
- Attended a hands-on Training Workshop on Marine designer pearl production, organised by the Central Marine Fisheries Research Institute, Vizhinjam held at CMFRI, Vizhinjam, Thiruvananthapuram from 19th to 21st February 2014.
- One day Interactive workshop on conservation of rivers and lakes organised by Pampa Parirakshana Samithy in association with Kuttanad Vikasana samithy and Alappuzha Press club at Christian College, Chengannur on 5th July, 2012.