

## CURRICULUM VITAE

### **Amrutha Vani S**

Research Scholar

Dept. of Zoology

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### **Academic Profile**

- Joined for **Ph.D** at **Central University of Kerala** from 2017 December onwards (transfer of registration from Kannur University)
- Joined as **Project Fellow** under the **DST- SERB funded project** at **Central University of Kerala** in November 2017
- Joined for **Ph.D** under **Kannur University** in 2016 December
- Completed **M.Sc Zoology** from **SN College, Kannur** under **Kannur University** in 2012
- **B.Ed in Natural Science** from **Department of Teacher Education, Dharmasala** under **Kannur University** in 2014
- **B.Sc Zoology** from **Sir Syed College, Thaliparamba** Under **Kannur University** in 2010
- **10+2 (Science)** from **St.Teresa's Anglo Indian HSS** under **Board of Higher Secondary Examination** in 2006
- **SSLC** from **GMHSS, Calicut University Campus** under **Board of Public Examination, Kerala** in 2004

### **Achievements**

- Qualified **National Eligibility Test (NET)-December 2014**, conducted by **UGC-CSIR**
- Qualified **State Eligibility Test (SET) –December 2013**, conducted by Government of Kerala.
- Qualified **General Aptitude Test in Engineering (GATE) –March 2013**, conducted by **Indian institute of Technology Bombay** on behalf of National Co-ordination Board(NCB)-GATE for the Department of Higher Education ,Ministry of Human Resources Development (MHRD),Government of India.

### Paper Published in National/International Journals

- **2020: Amrutha Vani Sahadevan, T.A. Jose Priya, Sudha Kappalli** Biphasic moult cycle of the parasitic isopod *Norileca indica* (H. Milne Edwards, 1840) (Isopoda: Cymothoidea): stage-wise characterization and haemolymph ecdysteroids titre *Journal of Crustacean Biology* 40(1), 131-140 [Oxford Academic, IF: 1.254] doi:10.1093/jcbiol/ruz082
- **2020: Rijin, K., Amruthavani, S., Reshmi, M. V., Drisya, O. K., & Kappalli, S.** Copepod (Crustacea) infection on Oil sardine, *Sardinella longiceps* Valenciennes, 1847 (Actinopterygii; Clupeidae)-First report. *Indian Journal of Geo Marine Sciences*, 49 (05), 911-914.
- **2019: Helna A.K., Amrutha Vani S., Rijin K., Sudha Kappalli.** *Norileca indica* (Crustacea: Isopoda, Cymothoidae) infecting *Rastrelliger kanagurta* along the Malabar Coast of India - Seasonal variation in prevalence and aspects of host-parasite interaction. *Zoological studies* 58: e35 [Springer, IF: 1.257] doi.: 10.66202FZS.2019.58-35

### Paper Presented in National/International conferences

- **Biphasic moult related changes in hemolymphatic ecdysone level of *Norileca indica* Demonstrate proper hormonal coordination**, 29<sup>th</sup> Swadeshi Science Congress 2020, ICAR-CPCRI, 27-29 February, Kasaragod, India.
- **Uropod and maxillule – appropriate appendages for the characterization of biphasic moult stages in isopods.** Maricon 2019. International Conference on Frontiers in Marine Science challenges and Prospects, CUSAT, 16-20 December 2019, Kochi, India.
- **Correlation among biphasic molt, hermaphroditic reproduction and brood Development in the female phase of the parasitic isopod *Norileca indica*.** BRAQCON World Brackish water Aquaculture Conference , CIBA, 23-25 January 2019, Chennai. India.
- Presented the paper **Host specific parasitic infection of *Nothobomolochus kanagurta* (Bomolochidae, Poecelostomatoida, Copepoda) on Indian mackerel, *Rastrelliger kanagurta* from Malabar Coast**, paper presented in 27 th Swadeshi Science congress 7-9 November 2017 held at Amrita vishwa vidya peeth organized by Swadeshi Science Movement Kerala

**Paper published on abstract volume of National / International Symposia/ conferences**

- **Amrutha Vani S, Nikhila Reshmi M V, Helna A K & Sudha K 2017. Host specific parasitic infection of *Nothobomolochus kanagurta* ( Bomolochidae, Poecelostomatoidea, Copepoda) on Indian mackerel, *Rastrelliger kanagurta* from Malabar Coast**, paper presented in 27 th Swadeshi Science congress 7-9 November 2017 held at Amrita vishwa vidya peeth organized by Swadeshi Science Movement Kerala
- **Nikhila Reshmi M V, Amrutha Vani S, Helna A K & Sudha K 2017. *Pseudocycnus appendiculatus* infects tuna fishes of the Malabar coast.** paper presented in 27 th Swadeshi Science congress 7-9 November 2017 held at Amrita vishwa vidya peeth organized by Swadeshi Science Movement Kerala
- **Amrutha Vani S, Namitha K, Aswathi K, Jose Priya T A & Sudha K 2019. Correlation among biphasic molt, hermaphroditic reproduction and brood Development in the female phase of the parasitic isopod *Norileca indica*.** BRAQCON World Brackish water Aquaculture Conference , CIBA, 23-25 January 2019, Chennai. India.
- **Amrutha Vani S, T A Jose Priya & Sudha K 2019. Uropod and maxillule – appropriate appendages for the characterization of biphasic moult stages in isopods.** Maricon 2019. International Conference on Frontiers in Marine Science challenges and Prospects, CUSAT, 16-20 December 2019, Kochi, India.
- **Amrutha Vani S, Remya T Radhan & Sudha K 2020. *Rastrelliger kanagurta* along the North Malabar coast is a potential scombrid host fish for an isopod parasite, *Norileca indica*,** 29<sup>th</sup> Swadeshi Science Congress, 27-29 February 2020, ICAR-Central Plantation Crops Research Institute, Kasaragod, Kerala, India.
- **Amrutha Vani S, T A Jose Priya & Sudha K 2020. Biphasic moult related changes in hemolymphatic ecdysone level of *Norileca indica* Demonstrate proper hormonal coordination,** 29<sup>th</sup> Swadeshi Science Congress 2020, ICAR-CPCRI, 27-29 February, Kasaragod, India.

## Work shop/short training/ symposia/ conferences / seminars participated

- Participated in the short term training course in **Plant Biotechnology and Molecular Biology** organized by the **Department of Biotechnology ,Sir Syed Institute for Technical Studies ,Taliparamba** on 10<sup>th</sup>-12<sup>th</sup> February 2016
- Attended state level Seminar conducted by the department of **Archeology and Archives** on the topic **Sreshta Bhasha Malayalam**, 2016
- Attended One Day National Workshop on “**Role of Indigenous Knowledge In Biodiversity Conservation with Respect to Wayanad**”, conducted by **Regional Museum of Natural History in collaboration with Department of Rural and Tribal Sociology & Zoology of Kannur University**, on 22 December 2016
- Worked as a part of **Department of Science and Technology (DST)** sponsored five day **INSPIRE** science camp as an **Executive Committee member** ( 25-30 December 2016).
- Attended two day work shop on the topic “**Recent trends in comparative reproductive endocrinology**” organized by **Indian Academy of Sciences**, on February 2017.
- Participated two day hands on training course in **Introductory Course on Next Generation Amplicon Sequencing – Data Analysis** during 30-31 August 2017 at **Sathyabama University**.
- Participated Five day **Science writing workshop** organized by Department of Zoology, Central University of Kerala, held on March 25- 30 2019
- Attended Five day online workshop on **Gel based Proteomics** organized by **Amazing Biotech Pvt. Ltd, a DSIR Research lab on 21-25 June 2020**
- Attended Three day online workshop on **Real Time PCR based gene expression and Pathogen Detection** organized by **Amazing Biotech Pvt. Ltd, a DSIR Research lab** on 6-8 July 2020
- Attended Four day online workshop on **Mass spectrometry in Proteomics** organized by **Amazing Biotech Pvt. Ltd, a DSIR Research lab** on 15-18 July 2020
- Participated One week Faculty Development Programme on **Statistical Analysis using SPSS** under the scheme Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) sponsored by **MHRD, Gol, organized by Centre for Special and movement Education, School of Education (SoE), Manomaniam Sundaranar university, Tirunelveli, Tamil Nadu** on August 5-11, 2020.

- **User Awareness Session on ‘Integrating Scopus in Research workflow’** organized by **University Library, Central University of Kerala** in collaboration with **Scopus** on 24<sup>th</sup> September 2020

### **Research Experience**

One year research experience as Senior Research Fellow under **DST-SERB** funded research Project titled “**Studies on Biphasic Moulting and Hermaphroditic reproduction in *Norileca indica*, a parasitic Cymothoid ( Isopoda: Crustacea) infesting the marine fishes of Malabar Coast**”

Two year research experience as Junior Research Fellow under **DST-SERB** funded research Project titled “**Studies on Biphasic Moulting and Hermaphroditic reproduction in *Norileca indica*, a parasitic Cymothoid ( Isopoda: Crustacea) infesting the marine fishes of Malabar Coast**”

Worked in the project entitled “**Analysis Of Physico Chemical Parameters Of Ground Water Around The Municipal Trenching Ground ,Karimbam**” (BSc project)

Worked in the project entitled as “**Effect Of Mercuric Chloride On Total Protein Content In The Brain Of *Oreochromis Mossambicus***”(Msc Project)

### **Working Experience**

Worked as Guest Lecturer in the **Post Graduate Department Of Zoology** of **Sree Narayana College Kannur** from 3/8/2015 to 31/3/2016.

Worked as Guest Lecturer in the **Post Graduate Department of Zoology** of **Sree Narayana college Kannur** from 18/8/2016 to 30/11/2016.