

CURRICULAM VITAE

Aishwarya Nath,
Paruthipurayidathil House,
Malayalapuzha,
Thazhom P.O,
Pathanamthitta,
Kerala,
India-689666

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Career Objective:

A satisfying and fascinating career that identifies my talents. To be a developer with good skills, be a part of the team, be an asset to the firm by striving hard.

Key Skills: -

- Strong knowledge in Zoology.
- Excellent in Equipment handling.
- Expertise in Performing test.
- Good in measurements and readings.
- Computer literacy with knowledge of MS office and internet.

Strengths: -

- Strong communication and interpersonal skills.
- Ability to work in teams as well as independently.
- Ability to manage stress.
- Sincere and Self confident
- Possess positive attitude.

Education Qualification: -

SSLC from MPVHSS Kumbazha, Pathanamthitta, in 2006 with an aggregate of 76.4
HSE from GHSS Omalloor, Pathanamthitta in 2008 with an aggregate of 67.6
B.Sc in Zoology from St.Thomas College Kozhencherry in 2013 with an aggregate of 87.5
M.Sc in Zoology from Catholicate College Pathanamthitta in 2015 with an aggregate of 80
Registered Ph.D Zoology under Kannur University, Kerala on 2016 December 1st
Transferred Ph.D to Central University of Kerala, Kasaragod on 2017 December 29th
Currently undergoing Ph.D in Crustacean Biology under Central University of Kerala
Have three Year Research experience in Crustacean Biology.

Trainings, Workshops and Seminars Attended:-

- Completed six months training in Computer Basics.
- Being a member of Bhoomithra Club under Bhoomithrasena Scheme of Govt.of Kerala for strengthening the commitment of students towards environmental protection during the year 2013-14
- Participated in “common bird monitoring program” organized by WWF-India, Kerala state office in association with Kerala forest and Wildlife department on Feb 13 to 16,2015.
- Participated in one day National workshop on role of Indigenous Knowledge in biodiversity conservation with respect to Wayanad organized by the regional museum of natural history, Mysore in collaboration with the departments of rural and tribal Sociology & Zoology Kannur University, Mananthavady Campus Wayanad on 22 dec 2016.
- Participated in the workshop “1st Introductory Course on Next generation Amplicon Sequencing- Data Analysis” during 30-31 August 2017 at the Sathyabama University, Chennai.
- Participated in a 5 day workshop named “Science Writing Workshop” at Central University of Kerala organized by the Dr. P. A. Sinu, faculty of Department of Zoology.
- Participated in a 5 day online workshop Gel based Proteomics organized by Amazing Biotech Pvt. Ltd, a DSIR Research lab on 21-25 June, 2020
- Participated in a three day online training course 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.
- Participated in a 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 in a 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

Paper/ Poster/E- presentations Performed:-

National Conferences

- Participated for a E-Presentation in 27th Swadeshi Science Congress held at Amrita Viswa Vidyapeetham, Amrita University, Kollam organized by Swadeshi Science Movement- Kerala on 7-9 November, 2017.

- Presented a paper entitled "Description of the male reproductive system of fiddler crab, *Gelasimus hesperiae* (Crane, 1975) (Brachyura, Ocypodidae)" to 29 th Swadeshi Science Congress organized at ICAR-CPCRI, Kasaragod

International Conferences

- Presented a poster titled "Study on Male Population of *Austruca triangularis* (A. Milne-Edwards, 1873): Determination of Sexual Maturity via Morphometric Observation" in International conference "BRAQCON-2019" organized by CIBA, ICAR-CPCRI, SCAFI at Chennai during 23-25 January 2019.
- Presented the paper in an International conference "MARICON 2019" titled "Morphometry of male reproductive system in *Gelasimus hesperiae* (crane, 1975) (brachyura, ocypodidae) in relation to molt cycle stages" at School of Marine Sciences, CUSAT, Cochin

Abstract volume Published

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Lecture series/workshop organized

- Participated in Innovation in Science Pursuit for inspired research Internship Science camp during 25 to 30 Dec'16 as an Executive Committee member at Sree Narayana College, Kannur.
- Participated in Innovation in Science Pursuit for inspired research Internship Science camp Organized by Central University of Kerala on 26 to 31 Dec'17 as an Organizing

Committee member at Jawahar Navodaya Vidyalaya, Periyar, Kasaragod.

- Participated as a volunteer for the practical sessions conducted on 24th December 2019 in the INSPIRE Internship Science camp held at Central University of Kerala, Periyar, Kasaragod during 21-26 December 2019.

-Participated as an organizing committee member in the INSPIRE Internship Science camp during 21-26 December 2019 held at Central University of Kerala, Periyar, Kasaragod.

Awards & Recognition:-

-Third prize for synopsis competition conducted by the Zoological Society of Kerala in connection with zonal Zoo fest held at St. Berchmanns College, Changanacherry on 21 Mar'13.

-Certificate of merit for securing the highest mark in examinations of B.Sc Zoology conducted during 2011-2012.

-Certificate for best Ongoing student of final year B.Sc Zoology from St.Thomas college, Kozhencherry for the year 2012-13.

-Certificate of merit by Parents Teachers association for securing highest marks in the examinations conducted by the college during 2012-13.

-Scholarship for securing the highest mark in semester examinations in M.Sc Zoology conducted during 2014-15.

-Scored highest grade point (CGPA) in M.Sc Zoology from Catholicate College, Pathanamthitta during 2014-15.

-presented her research report entitled "Description of the male reproductive system of fiddler crab, *Gelasimus hesperiae* (Crane, 1975) (Brachyura, Ocypodidae)" to 29th Swadeshi Science Congress organized at ICAR-CPCRI, Kasaragod and awarded Dr. K Ravidran Memorial Award for Best paper presentation in Fisheries Sciences.

Research related skills and expertise

- Histology
- Microtome technique
- Biochemical assays
- Polyacrylamide gel electrophoresis
- Agarose gel electrophoresis
- Research and Stereo-Microscopy
- DNA Isolation
- Bioinformatic tools-BLAST, BIOEDIT, CLUSTAL W
- Primer designing
- Sequence submission
- RNA Isolation
- cDNA Synthesis

- Polymerase chain reaction
- Enzyme linked Immunosorbent assay
- SEM sample Preparation
- TEM sample preparation
- Statistical tools-SPSS, GraphPad prism, Excel

Hobbies:-

- Listening Music
- Drawing
- Playing badminton
- Photography.

Personal Details:-

Father's Name	:	Somanathan P
Date of birth	:	03/06/1991
Languages Known	:	English(R/W/S),Hindi(R/W/S),Malayalam(R/W/S),
Marital Status	:	Unmarried.
Permanent Address	:	Paruthipurayidathil House, Malayalapuzha, Thazhom P.O, Pathanamthitta, Kerala, India-689666

Declaration:-

I hereby declare that the above statements are true to the best of my knowledge.

Place : Kasaragod
Date : 03.04.2021

Aishwarya Nath

