

NAME	DR. TEJI K. T.	
DESIGNATION	Assistant professor	
QUALIFICATION	M. Sc., M. Phil., Ph. D.	
EMAIL ID	<a href="mailto:tejishani12003@rediffmail.com">tejishani12003@rediffmail.com</a> tejiktmorningstar@gmail.com	
PHONE NO	9495169678	

<b>TEACHING INTERESTS</b>
Microbiology, Biochemistry, Fisheries

<b><u>RESEARCH AREAS</u></b>
Fishery & Entomology

**ACADEMIC/PROFESSIONAL QUALIFICATIONS\***

<u>NAME OF THE PROGRAMME</u>	<u>INSTITUTION/UNIVERSITY</u>	<u>YEAR OF PASSING</u>
Ph.D.	M.G.University, Kottayam	2012
M. Phil.	Avinashilingam University, Coimbatore	2002
M. Sc.	-do-	2000
B. Sc.	St. Joseph's College, Irinjalakuda	1998

## CAREER HISTORY/TEACHING EXPERIENCE

DESIGNATION	INSTITUTION/UNIVERSITY	YEAR OF SERVICE
Assistant Professor	Morning Star Home Science College, Angamaly	Since 2015
Guest faculty	Department of Biotechnology, Department of Zoology, St. Joseph's College, Irinjalakuda/ Calicut University	3 years
Guest faculty	Department of Zoology, Christ College, Irinjalakuda/ Calicut University	6 months
Guest faculty	Department of Zoology, Vimala College, Thrissur	1 year
Project Fellow	DST, New Delhi, KSCSTE, Trivandrun, Christ College, Irinjalakuda	6 years

## PHD THESIS

<u>SL.NO</u>	<u>TITLE</u>	<u>GUIDE NAME</u>	<u>INSTITUTION</u>	<u>MONTH/YEAR</u>
1	Taxonomy, Reproductive Biology and Behaviour of Muriyad carplet, Amblypharyngodon melettinus muriyadensis.	DR. John Thomas K.	S. H. College, Thevara (M. G. Uty)	January 2012

## RESEARCH GUIDESHIP

<u>SL. No.</u>	<u>University Of Recognition</u>	<u>Centre</u>	<u>Year of Sanction</u>	<u>No. of scholars under guideship</u>
1	Mahatma Gandhi University, Kottayam	Department of Zoology, U. C. College, Aluva	2021	2

## DETAILS OF RESEARCH SCHOLARS

<u>SL. No.</u>	<u>Name of the Scholar</u>	<u>Title</u>	<u>Date of joining</u>	<u>No. Of papers in journals/ publications in proceedings/Paper presentations</u>
1	Ms. Anjana A	Behavioural Ecology of Cicadas in the central Kerala of Western Ghats	11 August 2022	Presentation -2 In proceedings-1 In journal- Communicated

2	Jerry Thomas	Phychemical characterisation and molecular drug design of anticancer metabolites from <i>Coleus aromaticus</i> for human prostate cancer	15 January 2024	Nil

### RESEARCH PROJECTS/GRANTS RECEIVED

<u>SL.NO</u>	<u>TITLE</u>	<u>INVESTIGATORS</u>	<u>SPONSORING AGENCY</u>	<u>MONTH/YEAR</u>
<u>1</u>	Ex-situ conservation of medicinal plants in Morning Star Home Science College, Angamaly	<u>Dr. Sr. Philo T. J. &amp; Dr. Teji K. T.</u>	<u>State Medicinal Plants Board, Kerala</u>	<u>December, 2015</u>
2	Bactericidal activity of nutmeg ( <i>Myristica fragrans</i> ) pericarp	Dr. Teji K. T & Flower Varghese	KSCSTE, TVM (SPYTiS II)	2016-2017
3	Efficacy of selected botanicals in mosquito management	Dr. Teji K. T & Ayana Paul	KSCSTE, TVM (SPYTiS II)	2016-2017
4	Potency of selected botanicals in mosquito management	Dr. Teji K. T., Shahanas Abu & Anjaly Paul	KSCSTE, TVM (SPYTiS II)	2017-2018

### AWARDS/ACHIEVEMENTS/OTHERS\*

<u>SL.NO.</u>	<u>NAME OF AWARDS/ACHIEVEMENTS/OTHERS</u>	<u>DESCRIPTION</u>	<u>MONTH/YEAR</u>
<u>1</u>	<b>Best paper presentation Award</b>	<b>National Seminar, Loyola College, Chennai</b>	<b>2001</b>
<u>2</u>	<b>State level Best project Award-</b>	<b>Millennium Zoology best projects awards instituted by the st. Aloysius College, Elthuruth was achieved by</b>	<b>2002,2003</b>

		the projects guided for department of Zoology, St. Joseph's college, Irinjalakuda.	
<u>3</u>	Member of UG&PG Board of studies	St. Joseph's College, Irinjalakuda(Autonomous)	2017-2019
<u>4</u>	Chaired session for the poster presentation	UGC sponsored National seminar organized by the dept. of Home Science, Morning Star Home Science College, Angamaly	2016
<u>5</u>	Chaired session for the oral presentation	UGC sponsored Inter National seminar organized by the dept. of Economics, Mercy College, Palakad	2016
<u>6</u>	Identified a new subspecies of <i>Amblypharyngodon melettinus</i> from Muriyad Wetlands and it was named as <i>Amblypharyngodon melettinus muriyadensis</i>		2009
<u>7</u>	Approved as recognized research guide under Mahatma Gandhi University	Centre- Union Christian College, Aluva	2021
<u>8</u>	Green Warrior Award 2020	www. Heartforearth.org	2020
<u>9</u>	Appreciation award for NSS programme officer for the year 2019-20	Mahatma Gandhi University	2021
<u>10</u>	Prathibha Puraskaram	Pensioner's Union, Valapad	2012
<u>11</u>	Member of UG Board of studies, department of zoology	Carmel College, Mala (Autonomous)	Since 2022

### INTERNATIONAL DATABASE

<u>S. No</u>	<u>TITLE</u>	<u>DATABASE</u>	<u>Name of fish with Id</u>	<u>MONTH/YEAR</u>
	Identified a new subspecies of	NCBI(National centre for Biotechnology	FJ751264, FJ751265,FJ751269,FJ75127	2009

	<p><i>Amblypharyngodon melettinus</i> from Muriyad Wetlands and it was named as <i>A. melettinus muriyadensis</i> and DNA sequences of <i>A. mlettinus</i>, <i>A. melettinus muriyadensis</i> and <i>A. chakaensis</i> were deposited in Genbank under various taxonomic id</p>	<p>Information) Gen bank www.ncbi.nlm.nih.gov</p>	<p><i>0-A.melettinus muriyadensis</i> FJ751266, FJ751271- <i>A. chakaensis</i> FJ751267, FJ751268, FJ751272-A. <i>melettinus</i></p>	
--	---	---	--	--

## JOURNAL PUBLICATIONS

<u>SL.NO.</u>	<u>TITLE</u>	<u>NAME OF JOURNAL / VOL. NO / ISSUE NO / PAGE NOS</u>	<u>ISSN NO</u>	<u>MONTH / YEAR</u>
1	<b>Population dynamics of septic tank breeding mosquitoes.</b>			2003
2	Observations on morphological abnormalities in induced bred larvae of some freshwater fishes.	Indian J. Fish., 53(3), 353-358.		2006
3	Ontogeny of behaviour of <i>Amblypharyngodon melettinus muriyadensis</i> , a freshwater fish.	Vistas, 1(1): 84-87	ISSN: 2319-5770	2012
4	<b>A preliminary study on spider diversity of Morning Star Home Science college, Angamaly</b>	<b>Millennium Zoology, Vol.16, Pg. 41-43</b>	<b>ISSN: 0973-1946</b>	<b>2015</b>

5	Culture techniques of Muriyad Carplet, <i>Amblypharyngodon melettinus muriyadensis</i>	Vistas,vol.4., Pg. 105-108	ISSN: 2319-5770	2015
6	Culture techniques of Muriyad Carplet, <i>Amblypharyngodon melettinus muriyadensis</i>	Vistas,vol.4., Pg. 105-108	e-ISSN: 2394-1138	2015
7	Biodiversity of aquatic insects of Thonnamakka canal of Karukutty Panchatath	Scientia, Jan - Dec 2015 Volume 11. No. 1.	ISSN: 0976-8289	2015
8	Fecundity Analysis : <i>Amblypharyngodon melettinus muriyadensis</i> -A Fresh water fish	Scientia, Jan - Dec 2016 Volume 12. No. 1.	ISSN: 0976-8289	2016
9	Study on the fish diversity of Manjaly Thodu of Peechanikadu, Angamaly	Millennium Zoology, Vol.17, Pg. 62-64	ISSN: 0973-1946	2016
10	Efficacy of plant extract in mosquito management	Millennium Zoology, Vol.18, Pg. 47-48	ISSN: 0973-1946	2017
11	Bactericidal activity of nutmeg ( <i>Myristica fragrans</i> ) pericarp	Scientia, Jan - Dec 2017 Volume 13. No. 1. 35-38	ISSN: 0976-8289	2017
12	Empowerment women through fisheries Sector in Kerala	JiggyAsA Vol.13, N0.1, Jan-Dec-2017	ISSN: 224 9-32 98	2017
13	Bactericidal effects of plant extracts on <i>Escherichia coli</i>	Millennium Zoology, Vol.9, Pg. 60-62	ISSN 0973 - 1946	2018

14	Study on population dynamics of butterfly fauna	Millennium Zoology, Vol.9, Pg. 43-44	ISSN 0973 - 1946	2018
15	Potency of selected botanicals in mosquito management	Scientia, Jan - Dec 2018 Volume 14. No. 1.	ISSN: 0976-8289	2018
16	Study on bird diversity in Malayatoor and Iringole Kavu, Perumbavoor, Ernakulam District	<i>Scientia</i> Vol. 15, No, 1 Jan.-Dec., , pp.60-64	ISSN: 0976-8289	2019

### CONFERENCE PUBLICATIONS

<u>SL.NO.</u>	<u>TITLE</u>	<u>NAME OF CONFERENCE</u>	<u>VENUE, MONTH / YEAR</u>
<u>1</u>	Efficacy of leaf and seed extracts of <i>Annona squamosa</i> on the immature of <i>Culex quinquefasciatus</i>	National symposium on recent trends in combating mosquitoes	Loyola College, Chennai, 3 <sup>rd</sup> & 4 <sup>th</sup> , October 2000.
<u>2</u>	Observations on the morphological abnormalities in the induced bred freshwater fish larvae.	National Conference on Wetland Biodiversity	Dept. Of Zoology, St.Alosiyus College, Elthuruth. Abstracts., 2nd and 3rd February, 2006 Thrissur, Kerala, pp.37.
<u>3</u>	Development of foraging behaviour in an endangered Indian catfish, <i>Ompok malabaricus Valenciennes</i> .	National Symposium on biotechnological and biorational approaches for pest management in Agriculture and 33rd Annual conference of Ethological Society of India.	Abstract Dharward, November 6-7, 2009, pp.88.
<u>4</u>	Distribution and current status of the genus <i>Amblypharyngodon</i> in central Kerala.	Proceedings of 22nd Kerala Science Congress, 28-31	January 2010, KFRI, Peechi, pp. 108-109. ISBN 81-86366-71-7

<u>5</u>	Biodiversity of aquatic insects of Karuvannur River, a part of Muriyad Wetland	<b>National seminar on Forest- A biodiversity rich biome: Current status&amp;future implications</b>	<b>St. Joseph,s College, 1st &amp; 2nd March,2012</b>
<u>6</u>	<b>Distribution studies of <i>Amblypharyngodon melettinus</i></b>	UGC sponsored international conference on biodiversity &evaluation –perspective & paradigm shift	department of Zoology, Sree Sankareaq College, Kalady 2 <sup>nd</sup> &3 <sup>rd</sup> December,2015
<u>7</u>	<b>Preliminary study on the diversity of soil macro fauna of Morning star Home Science college campus, Angamaly</b>	<b>National seminar on biodiversity conservatyion –Trends and prospects organized by the dpt. Of Zoology, Christ college, Irinjalakuda</b>	<b>2015</b> <b>ISBN 978-81-930507-5-0</b>
<u>8</u>	<b>A preliminary study on spider diversity of Morning Star Home Science college , Angamaly</b>	<b>Abstracts of National seminar on biodiversity conservatyion – Trends and prospects</b>	<b>dpt. Of Zoology, Christ college, Irinjalakuda, 17<sup>th</sup> &amp;18<sup>th</sup>, September, 2015</b>
<u>9</u>	<b>Biodiversity of aquatic insects of Thonnamakka canal of Karukutty Panchatath</b>	<b>-do-</b>	<b>dpt. Of Zoology, Christ college, Irinjalakuda, 17<sup>th</sup> &amp;18<sup>th</sup>, September, 2015</b>
<u>10</u>	<b>Preliminary study on the diversity of soil macro fauna of Morning star Home Science college campus, Angamaly</b>	<b>-do-</b>	<b>dpt. Of Zoology, Christ college, Irinjalakuda, 17<sup>th</sup> &amp;18<sup>th</sup>, September 2015</b>
<u>11</u>	Mitochondrial DNA analysis in identification of <i>Amblypharyngodon melettinus muriyadensis</i>	UGC Sponsored National seminar on Integrating taxonomy to DNA barcoding	St. Xavier’s college for women , Aluva , 10 <sup>th</sup> &11 <sup>th</sup> , September 2015
<u>12</u>	Potency of selected botanicals in mosquito management	KSCSTE sponsored national seminar on recent advances in medicinal plant research	Bharath Matha College, Thrikkakara, June 11 <sup>th</sup> &12 <sup>th</sup> , 2015
<u>13</u>	Antibiotic sensitivity of plant extracts on Escherichia coli	Abstracts of KSCSTE sponsored national seminar on recent advances in medicinal plant research	Bharath Matha College, Thrikkakara, June 11 <sup>th</sup> &12 <sup>th</sup> , 2015
<u>14</u>	Antibiotic sensitivity of plant extracts on Escherichia coli	KSCSTE sponsored national seminar on recent advances in medicinal plant research	Bharath Matha College, Thrikkakara, June 11 <sup>th</sup> &12 <sup>th</sup> , 2015
<u>15</u>	Reproductive biology of maturing fresh water fish, <i>Puntius filamentosus</i>	KSCSTE sponsored National seminar on Fostering sustainable development and profitable reorce	Fathima Matha College, Kollam.



	(Valenciensis) <i>dawkinsia filamentosa</i>	tilization	22 <sup>nd</sup> & 23 <sup>rd</sup> Augt 2017
16	<b>Gut content analysis of the brackish water fish <i>pseudetroplus maculatus</i></b>	<b>KSCSTE sponsored national seminar on bIE Economy: Fostering sustainable development and profitable reorce tilization</b>	<b>Fathima Matha College, Kollam. 22<sup>nd</sup> &amp; 23<sup>rd</sup> Augt 2017</b>
17	<b>Qualitative analysis of vitellogenin in <i>Amblypharyngodon melettinus muriyadensis</i>, a fresh water fish</b>	<b>KSCSTE sponsored national seminar on blue Economy: Fostering sustainable development and profitable resource utilization</b>	<b>Fathima Matha College, Kollam. 22<sup>nd</sup> &amp; 23<sup>rd</sup> Augt 2017</b>
18	<b>Breeding and courtship behaviour in Muriyad carplet, <i>Amblypharyngodon melettinus muriyadensis</i></b>	<b>United Nations SDGs sponsored Second International conference on Environmental, Agricultural, Chemical and Biological sciences</b>	<b>Online mode January 24-26, 2021</b>
19	<b>Acoustic exploration and taxonomic insights into cicada diversity in central Kerala of Western Ghats</b>	<b>Two day National seminar on cherishing our heritage: Ensuring biodiversity sponsored by Biodiversity board, Kerala</b>	<b>Dpt. Of Zoology, SVR NSS college, Vazhoor, Kottayam 7 December, 2023</b>

### ARTICLES IN PERIODICALS/MAGAZINES/ANY OTHER

SL.NO.	TITLE	NAME OF PERIODICAL	MONTH/ YEAR
1	<b>Recent trends in ethological studies</b>	<b>Miracle-Morning star Home science college magazine</b>	<b>November 2015</b>

### ORIENTATION/REFRESHER COURSES ATTENDED

SL.NO	NAME OF THE PROGRAMME	NAME OF THE ORGANISER	MONTH/ YEAR
1	<b>Orientation programme for wws mentors</b>	M.E.S.College., Marampilly	1/2/2016

2	<b>UGC sponsored orientation</b>	Central University, Hyderabad	11-11-2017 to 8-12-2017
3	<b>UGC sponsored refresher</b>	Kerala University, Trivandrum	11. 07. 2019 to 24.7.2019
4	<b>Orientation for NSS Programme Officers</b>	Rajagiri College of Social Sciences, Kalamassery	20-11-2019 to 26-11-2019
5	<b>UGC sponsored refresher</b>	Bharathi Dasan Uty, Trichy	27 July to 9 <sup>th</sup> August 2023

### SEMINARS/CONFERENCES/WORKSHOPS ATTENDED<sup>#</sup>

SL.NO	NAME OF THE PROGRAMME	NAME OF THE ORGANISER & SPONSORING AGENCY	VENUE & DATE	LEVEL *
1	<b>National seminar on Biodiversity conservation : Trends and prospects</b>	<b>KSCSTE &amp; Kerala State biodiversity board, Dept. of Zoology Christ college, Irinjalakuda</b>	<b>17<sup>th</sup> &amp; 18<sup>th</sup> September 2015</b>	National
2	<b>seminar on integrating taxonomy to DNA barcoding</b>	<b>St. Xavier's College, Dept. of Zoology, Aluva, UGC</b>	<b>September 10<sup>th</sup> &amp; 11<sup>th</sup> 2015</b>	National
3	<b>KSCSTE sponsored national seminar on recent advances in medicinal plant research</b>	<b>Dept. of Chemistry, Bharath Matha College, Thrikkakara</b>	<b>June 11<sup>th</sup> &amp; 12<sup>th</sup>, 2015</b>	National
4	<b>UGC sponsored national seminar on trends in biodiversity studies</b>	<b>Dept. of Zoology, St. Teresa's college Ernakulam</b>	<b>December 4-5, 2014</b>	National
5	<b>P. G. Lecture series organized by the department of Zoology</b>	<b>Dept. of Zoology, St. Joseph's college, Irinjalakuda</b>	<b>28<sup>th</sup> November, 2014</b>	Regional
6	<b>One day awareness programme on climate change –causes and consequences</b>	<b>Dept. of Zoology, St. Thomas College, Thrissur</b> <b>KSCSTE</b>	<b>25<sup>th</sup> October, 2013</b>	State

7	UGC sponsored national seminar on Forest- A biodiversity rich biome ; current status and future implications	Dept of Zoolgy, St. Joseph's college, Irinjalakuda	1 <sup>st</sup> and 2 <sup>nd</sup> March ,2012	National
8	Govt. of Kerala sponsored national seminar on Biodiversity: Utilization and management for natural harmony	Dept of Zoology, K.K.T.M Govt. college, Pullut, Thrissur	February 8 <sup>th</sup> & 9 <sup>th</sup> 2012	National
9	UGC sponsored national seminar on advanced technologies for waste treatment	Dept of Zoology, St. Joseph's college, Irinjalakuda	25 <sup>th</sup> February 2011	National
10	International conference on EGHHD	Dept of Zoology, Bharathiar university, Coimbatore	9 <sup>th</sup> - 11 <sup>th</sup> ,December 2011	International
11	UGC sponsored national seminar on biodiversity and conservation of nature	Dept of Botany, St. Joseph's college, Irinjalakuda	23 <sup>rd</sup> & 24 <sup>th</sup> August, 2011	National
12	International seminar on Nanotech2010	Dept of Geology & Environmental Science, Christ college, Irinjalakuda  UGC sponsored	8 <sup>th</sup> & 9 <sup>th</sup> February, 2010	International
13	22 <sup>nd</sup> Kerala Science Congress	Kerala Forest Research Institute , Peechi	28-31January 2010	State
14	KSCSTE sponsored seminar on World Environment Day 2016	Dept. of zoology & Physics, Morning Star HomeScience college, Angamaly	14 <sup>th</sup> June 2016	Regional
15	KSCSTE sponsored seminar on International year of pulses 2016	Dept. of zoology Morning Star HomeScience college, Angamaly	30 <sup>th</sup> June 2016	Regional
16	Nature Camp	Shola National Park, Vattavada	28 <sup>th</sup> July 2015	

17	Advanced technologies for waste treatment	Dept. of Zoology, Christ College, Irinjalakuda, UGC sponsored	25 <sup>th</sup> February, 2011	National
18	Marine Biology-Advances and Prospects	Marine Biology, Microbiology, & Biochemistry UGC sponsored	CUSAT 10 <sup>th</sup> November, 2006	National
19	Biotechnology-Prospects and application	Dept. of Biotechnology, St. Peters's College, Kolenchery	08-11-2002	State
20	Symposium on Transgenesis	Society of Biological chemist & Association of Biochemistry and Biotechnology	12 <sup>th</sup> February 2001 Avinashilingam Uty, Coimbatore	State
21	Workshop on Environmental awareness on quality management of irrigation water	Dept. of Environmental Sciences and Enviornmental Cell division public works department , Coimbatore	Bharathiar Uty, Coimbatore. 17,18-February,2000	State
22	Gender Equity-Critical Areas of concern	Centre for Women studies	Avinashilingam Uty, Coimbatore 23.9.2000	National
23	Science of human development focus:Healty mind, healty body	FASOHD	Avinashilingam Uty4,5-october,2000	National
24	Symposium on Recent trends in combating mosquitoes	Dept. of Zoology,sponsored by CSIR, ICMR, TNSCTC	Loyola College, Chennai 3, 4-October,2000	National
25	Women and menopause	Avinashilingam Uty, Coimbatore	September 21 <sup>st</sup> , 1999	Institutional

26	<b>Blue Economy: Fostering sustainable development and profitable resource utilization</b>	<b>KSCSTE &amp; Kerala State biodiversity board, Dept. of Zoology, Fathima Matha College, Kollam</b>	<b>22&amp;23 August 2017</b>	National
27	<b>Socio-Economic perspectives of women Entrepreneurship in Kerala</b>	<b>UGC sponsored, Dept of Economics, Mercy College, Palakad</b>	<b>8-12-2016</b>	International
28	<b>World Environment Day Seminar</b>	<b>KSCSTE &amp; Dept. of Zoology, Morning Star Home Science College, Angamaly</b>	<b>11-6-2018</b>	Regional
29	<b>World Environment Day Seminar</b>	<b>KSCSTE &amp; Dept. of Zoology, Morning Star Home Science College, Angamaly</b>	<b>13-6-2019</b>	Regional
30	<b>Trends in higher education</b>	<b>College Principal's council</b>	<b>2018</b>	State level
31	<b>Edutainment</b>	<b>NSS Unit , M. G University</b>	<b>2018</b>	University Level

## BOOKS AS AUTHOR/EDITED/CHAPTERS/REVIEWS

SL.NO	TITLE	AUTHOR NAMES	ISBN NO.&Publisher	MONTH/ YEAR
1	Proc. Of National Seminar on Forest-A biodiversity rich biome: Current status & future implications conducted by the department of zoology, St. Joseph's college, Irinjalakuda	Editorial Board Member	department of zoology, St. Joseph's college, Irinjalakuda	March, 2012
2	College Magazine-Lumiere	Staff Editor	Dr. Sr. Alphonsa M. K.	July, 2016
3	<b>Preliminary study on homestead diversity of medicinal plants in Chundy and Elavoor, Angamaly</b>	Author & Editorial board member	<b>ISBN:978-93-5408-948-0 Dr. Rosily A V</b>	August, 2020
4	Synthesis characterisation and antibacterial study of Zinc oxide nanoparticles	Author & Editorial board member	<b>ISBN:978-93-5408-948-0 Dr. Rosily A V</b>	September, 2021

5	A study on nature community with reference to Moozhikualam Sala of Parakadavu, ernakulam district	Author & Editorial board member	ISBN:978-93-5408-948-0 Dr. Rosily A V	September, 2021
6	A preliminary study on homestead ant diversity of Athani, Ernakulam district	Author & Associate Editor	ISBN:978-93-5408-948-0 Dr. Rosily A V	January, 2022
7	A preliminary study on homestead spider diversity of Malayattoor-Neeleswaram area, Ernakulam district	Author & Associate Editor	ISBN:978-93-5408-948-0 Dr. Rosily A V	January, 2022
8	Study on fish diversity of Periyar River and Munambam beach, Ernakulam	Author & Editor	ISBN: 978-620-7-45298-9 Lap Lambert Academic Publishing, UK	January, 2024

### SEMINARS/Webinar ORGANIZED

SL.NO	NAME OF THE SEMINAR	NAME OF THE ORGANISER & SPONSORING AGENCY	VENUE & DATE	POSITION HELD	LEVEL *
1	<b>National seminar on Forest-A biodiversity rich biome: Current status&amp;future implications</b>	<b>Dept. of Zoology, St. Joseph,s College, Irinjalakuda UGC sponsored</b>	<b>St. Joseph,s College,Irinjalakuda 1st &amp; 2nd March,2012</b>	<b>Organising member</b>	<b>National</b>
2	<b>seminar on International year of pulses 2016</b>	<b>Dept. of zoology Morning Star HomeScience college, Angamaly, KSCSTE sponsored</b>	<b>Morning Star Home Science College, Angamaly 30<sup>th</sup> June 2016</b>	<b>Organising member</b>	<b>Regional</b>
3	<b>seminar on World Environment Day 2017</b>	<b>Dept. of zoology Morning Star HomeScience college, Angamaly, KSCSTE sponsored</b>	<b>Morning Star Home Science College, Angamaly 8<sup>th</sup> June 2017</b>	<b>Organising member</b>	<b>Regional</b>

4	<b>World Environment Day 2019</b>	Dept. of zoology Morning Star Home Science college, Angamaly, KSCSTE sponsored	Morning Star Home Science College, Angamaly  13th June 2019	Co-ordinator	Regional
5	<b>Molecular docking : A paradigm shift in anticancer research</b>	Department of Zoology, MSHS Angamaly	Morning Star Home Science College, Angamaly  16 May 2020	Co-ordinator	National
6	<b><u>Importance of biodiversity in pandemic time</u></b>	NSS	Morning Star Home Science College, Angamaly  5 June2020	Co-ordinator	Institutional
7	<b><u>Extension programme on mosquito eradication</u></b>	Department of Zoology, MSHS Angamaly	Pakal Veedu, Nazreth Nagar, Angamaly  19.3.24	Co-ordinator	Institutional
8	<b><u>Seminar on Photography for research</u></b>	Department of Zoology, MSHS Angamaly	Department of Zoology, MSHS Angamaly  18/3/24	Co-ordinator	Institutional

## PROFESSIONAL AFFILIATIONS/MEMBERSHIPS

- Zoological Society of Kerala

## INVITED TALKS/IN MEDIA/ANY OTHER

- Extension talk on Role of Anganavadi on moulding child behavior, Thalir Anganavadi, Chulur, Valapad,

Thrissur on 14 <sup>th</sup> November, 2015
<ul style="list-style-type: none"> <li>• Talk on Heroes come in ‘All groups and types: Donate blood &amp; Save Lives’ conducted by Red Ribbon Club in connection with National Voluntary Blood Donation Day 2020 Sree Sankara College, Kalady on 2 October 2020</li> <li>• Talk on HIV/AIDS ‘conducted by Red Ribbon Club &amp; NSS in connection with World AIDS Day 2020, Sree Sankara College, Kalady on 2 December 2020</li> <li>• Talk on Don’t be afraid on blood donation conducted by NSS in connection with World Blood Donation Day 2021 Sree Sankara College, Kalady on 14 June 2021</li> <li>• Delivered a talk in connection with orientation of NSS volunteers on 4 December 2021 at Morning Star Home Science College, Angamly organized by NSS Unit</li> <li>• Delivered a talk on Science Research Process in connection with Zoology Association Inauguration at SNM college, Maliankara on 14<sup>th</sup> January 2020</li> </ul>

## POSITIONS HELD IN COLLEGE

• Magazine staff editor-2015-2016
• WWS mentor 2015-2016, 2016-2017, 2019-2020
• Club Co-ordinator 2015-2016, 2016-2017
• Website Co-ordinator 2016-2017, 2017-2018
• SSP Co-ordinator 2018-2019
• Save a star – joint-co-ordinator 2016-2017, 2017-2018
• RUSA Joint co-ordinator 2018 onwards
• PRO -2018, 2019, 2020, 2021, 2022, up to May 2023
• NSS Programme officer 2018-2021
• SSP mentor-2019-2020
• Institutions Innovation Council -Convener-20-21, 21-22, 22-23
• Staff Secretary-2021-2022
• Mathrubhumi Seed Club Co-ordinator-2020-2021, 2022-2023, 2023-2024, 2024-2025
• IQAC member 2021-2022
• WWS Mentor 2016-2018, 2019-2020
• College Union Advisor 2022-2023
• Institutions Innovation Council -Vice President-23-24, 24-25
• NIRF co-ordinator 2023-2024, 2024-2025
• Women Cell co-ordinator 2024-2025

## UG PROJECTS GUIDED

SL.NO	TITLE	MONTH/ YEAR
1	<i>A STUDY ON FECUNDITY ANALYSIS OF PUNTIUS FILAMENTOSUS</i>	2016
2	PRELIMINARY STUDY ON THE DIVERSITY OF SOIL MICRO FAUNA OF MORNING STAR HOME SCIENCE COLLEGE, ANGAMALY	2016



3	STUDY ON THE FISH DIVERSITY OF MANJALY THODU OF PEECHANIKKADU , ANGAMALY	2016
4	POTENCY OF SELECTED BOTANICALS IN MOSQUITO MANAGEMENT	2015
5	QUALITY ANALYSIS OF WELL WATER IN PADIKALAPPARA, PERUMBAVOOR	2015
6	BIODIVERSITY OF AQUATIC INSECTS OF THONNAMAKKA CANAL OF KARUKUTTY PANCHAYATH	2015
7	A PRELIMINARY STUDY ON SPIDER DIVERSITY OF MORNING STAR HOME SCIENCE COLLEGE, ANGAMALY	2015
8	ANTIBIOTIC SENSITIVITY OF PLANT EXTRACTS ON <i>Escherichia coli</i>	2015
9	A SURVEY OF AVIAN FAUNA AT KUNNUKARA PANCHAYATH	2015
10	PRELIMINARY STUDY ON THE DIVERSITY OF SOIL MACRO FAUNA OF MORNING STAR HOME SCIENCE COLLEGE, ANGAMALY	2015
11	Biodiversity of aquatic insects of Karuvannur River, a part of Muriyad Wetland	2012
12	Comparative study on Reproductive biology of <i>Puntius filamentosus</i> and <i>Puntius amphibious</i>	2012
13	Efficacy of selected botanicals in mosquito management	2017
14	Bactericidal activity of nutmeg pericarp	2017
15	Gut content analysis of the brackish water fish <i>Pseudotroplus maculatus</i>	2017
16	Study on Population dynamics of butterfly fauna	2018
17	Bactericidal effects of plant extracts on <i>Escherichia coli</i>	2018
18	Potency of selected botanical in mosquito management	2018
19	Study on bird diversity in Malayatoor and Irigole Kavu, Perumbavoor	2019
20	Preliminary study on diversity of medicinal plants and its uses	2019

21	Effect of predator cues on respiration in <i>Tilapia mossambicus</i>	2019
22	Lip print pattern of Ernakulam	2020
23	An analysis on the living status of Angamaly Municipality (Ward 28) Ernakulam District	2020
24	Study on fish diversity of Chalakudy River, Thrissur	2020
25	A study on nature friendly community with reference to Moozhikulam Sala of Parakkadavu, Ernakulam district	2021
26	A preliminary study on Homestead ant diversity at Chirangara, Koratty, Thrissur district	2021
27	A preliminary study on homestead ant diversity at Mekkad, Angamaly, Ernakulam district	2021
28	A preliminary study on homestead ant diversity at Mekkad West, Angamaly, Ernakulam district	2021
29	A preliminary study on homestead spider diversity of Puthenkadavu, Chengamanadu Panchayath, Ernakulam district	2021
30	A preliminary study on homestead spider diversity of Malayatoor, Ernakulam district	2021
31	A preliminary study on homestead spider diversity of Malayatoor-Neeleswaram area, Ernakulam district	2021
32	A preliminary study on ant diversity of Edakkunnu, Ernakulam district	2021
33	A preliminary study on ant diversity at morning star home science college campus, Angamaly, Ernakulam district	2022
34	A preliminary study on homestead ant diversity of Athani, Ernakulam district	2022
35	A preliminary study on homestead ant diversity of Peruvaram, North Paravur, Ernakulam district	2022
36	A preliminary study on homestead spider diversity of Vypin, Edavanakad panchayat, Ernakulam district	2022

37	A preliminary study on homestead spider diversity of Peringamparambu, Thuravoor panchayat, Ernakulam district	2022
38	A preliminary study on homestead spider diversity of Karukutty panchayat, Ernakulam district	2022
39	Study on fish diversity of Periyar River and Munambam beach, Ernakulam district	2023
40	Population dynamics of insects on vegetation at Edayar, Ernakulam	2023
41	Comparative study on butterfly diversity of Purayar and Kurumaseri, Ernakulam district	2024
42	A comparative study on bactericidal activity of <i>Wrightia tinctoria</i> and <i>Coleus aromaticus</i> leaf extracts on <i>Escherichia coli</i>	2024

## EXTENSION/ SOCIAL ACTIVITIES

1. Designing student projects for school/ college students
2. Spending with students in various forests of Kerala minimum 2 days every year to create awareness and to make understand them the nature in depth
3. Organizing lectures on conservation of nature
4. Various activities are conducted for the beneficial of community through NSS & Mathrubhumi Seed Club (Flood& Covid relief activities)
5. Organized 'Snehapoorvam Onamkkodi'to needy students of L. F. convent School @ Irinjalakuda on 14 August 2023

## REFERENCES

- Dr. John Thomas K., (Rtd), Associate Professor, Christ College, Irinjalakuda
- Dr. A. Gopalakrishnan, Director, CMFRI, Cochin