


<b>NAME</b>	<b>K LEENA JOSEPH</b>	
<b>DESIGNATION</b>	ASST. PROFESSOR	
<b>QUALIFICATION</b>	M .SC, B .Ed	
<b>EMAIL ID</b>	<a href="mailto:leenamorningstar@gmail.com">leenamorningstar@gmail.com</a> <a href="mailto:leenajoseph@morningstar.edu.in">leenajoseph@morningstar.edu.in</a>	
<b>PHONE NO</b>	9446724993	

<b>TEACHING INTERESTS</b>
Molecular biology ,Physiology, Biostatistics, Applied Zoology, Taxonomy

<b>RESEARCH AREAS</b>
Fishery biology, Biodiversity

### **ACADEMIC/PROFESSIONAL QUALIFICATIONS\***

NAME OF THE PROGRAMME	INSTITUTION/UNIVERSITY	YEAR OF PASSING	%OF MARKS	GRADE
B.Sc Zoology	St.Joseph's College, Irinjalakuda	1992	87	1 <sup>ST</sup> RANK
M.Sc Zoology	Christ college, Irinjalakuda	1994	77	4 <sup>TH</sup> RANK
B.Ed	Govt. Training college,Thrissur	1995	57	2 <sup>ND</sup> CLASS
NET	CSIR	2010		5 <sup>TH</sup> RANK
Ph.D( Doing Part-Time)*	,St,Albert's college, Ernakulam	2012		

\*Topic: Binomics, Demography and Ex-situ conservation of Puntius amphibius from river Chalakudy

## **CAREER HISTORY/TEACHING EXPERIENCE**

<b>DESIGNATION</b>	<b>INSTITUTION/UNIVERSITY</b>	<b>YEAR OF SERVICE</b>
Senior research fellow	Fisheries station, Puthuvypu	Jan-Sept 1996
Junior Lecturer	Morning Star Home Science College, Angamaly	1996-2012
Asst. Professor	Morning Star Home Science College, Angamaly	2012 onwards

## **RESEARCH PROJECTS/GRANTS RECEIVED**

<b>SL.NO</b>	<b>TITLE</b>	<b>INVESTIGATORS</b>	<b>SPONSORING AGENCY</b>	<b>MONTH/YEAR</b>
1	'Comparative analysis of the effect of soft drinks on tooth and bone'	K Leena Joseph, Soumya A.S  Jisna Paul	SPYTiS-II scheme funded by KSCSTE, Trivandrum	2016-2017
2	'Effect of physico-chemical parameters on hatching of Artemia'	K Leena Joseph, Sneha Baby, Subanya Suresh A. S. Raeya Stanly	SPYTiS-II scheme funded by KSCSTE, Trivandrum	2016-2017
3	Biodiversity of order Hemiptera in Morning Star Home Science College Angamaly, Kerala	Nivedita James Palatty  Rosemary K S	SPYTiS-II scheme funded by KSCSTE, Trivandrum	2017-2018
4	Detection of formalin in fish samples collected from Kochi, Kerala	Aleena Davis, Fathima Fayaruz, Unnimaya	SPYTiS-II scheme funded by KSCSTE, Trivandrum	2017-2018

## **AWARDS/ACHIEVEMENTS/OTHERS\***

<b>SL.NO.</b>	<b>NAME OF AWARDS/ACHIEVEMENTS/OTHERS</b>	<b>DESCRIPTION</b>	<b>MONTH/YEAR</b>
1	Chaired session for the poster presentation	UGC sponsored National seminar organized by the dept. of Home Science, Morning Star Home Science College, Angamaly 2016	August 2016

2	Contingent Leader of Kerala NSS Team Adventure Camp	ABVIMAS Manali	December 2016
3	Appreciation award for NSS programme officers for the year 2016- 17	Mahatma Gandhi University	2017
4	Restructuring of Curriculum and Syllabus of UG programme in Zoology	Mahatma Gandhi University	April 2017
5	Preparation of Question bank for III semester October 2018 in Mahatma Gandhi University.	Mahatma Gandhi University	October 2018
6	Preparation of Question bank for I semester December 2018 in Mahatma Gandhi University.	Mahatma Gandhi University	December 2018
7	Preparation of Question bank for VI semester March 2020 in Mahatma Gandhi University.	Mahatma Gandhi University	March 2020
8	Question Paper Setter VI Semester UG (CBCSS) Degree Examination, March 2019,	Assumption College Changanassery.	March 2019
8	Resource person for Talent Development Course and Civil service foundation course	Kerala State Civil Service Academy, Centre for Continuing Education, Kerala	2019-2020

**\*BEST PAPER,BEST POSTER,ANY OTHER POST HELD ETC...**

### **JOURNAL PUBLICATIONS**

SL.NO.	TITLE	NAME OF JOURNAL / VOL. NO / ISSUE NO / PAGE NOS	ISSN NO	MONTH / YEAR
1.	'A study on the biodiversity of Bivalve molluscs of Vipin-Cherai beach, Kerala.	Millennium Zoology A National peer reviewed journal of St. Aloysius college Elthuruth, Vol.17 No.1	ISSN0973-1946	November 2016

2.	Antifungal Activity Of Aqueous Extracts of Citrus sinensis fruit peels’	Star Research Reach, Morning star home science college Angamaly , Vol.8 No.1	ISSN0975-5101	June 2017
3.	‘Effect of washing and stiffening agents on the growth of Earthworm species Eudrilus euginae.	Star Research Reach, Morning star home science college Angamaly , Vol.9 No.2	ISSN0975-5101	December 2017
4.	A study on the biodiversity of Gastropod Molluscs of Kuzhuppilly beach, Kerala	Rays, 2021 Morning star home science college Angamaly Rays; Vol.2	ISBN:978-93-5408-948-0; 2021	December 2021
5.	A study on the biodiversity of Butterflies of Thuruthissery village, Kerala; Star Research Reach,2021	Star Research Reach, Morning Star Home science college Angamaly, Vol.13 No.1, Page No. 75-80	ISSN0975-5101	August 2021

## **CONFERENCE PUBLICATIONS**

SL.NO.	TITLE	NAME OF CONFERENCE	VENUE, MONTH / YEAR
1.	Prevalence of cardiovascular diseases among the people of Malayatoor panchayath	Proceedings of UGC sponsored National seminar on Life Style diseases– An emerging issue	August 2012
2.	Effect of climate on Wetland birds of Thrissur District	Proceedings of National seminar on “Climate change scenario: Threats & Potential impacts on Ecosystem	July 2013

3.	'A study on the diversity of gastropod molluscs of Vipin-Cherai beach, Kerala.	Proceedings of the UGC sponsored National seminar on Blue economy: Fostering sustainable development and profitable resource utilization	August 2017
4.	'Effect of washing and stiffening agents on reproduction of Earthworm species Eudrilus euginae and the vermicompost'	Proceedings of the KSCSTE sponsored National seminar on 'Municipal Solid Waste management and its impact on ecosystem'	December 2017

### **BOOKS AS AUTHOR/EDITED/CHAPTERS/REVIEWS**

SL.NO	TITLE	AUTHOR NAMES	ISBN NO.	MONTH/ YEAR
1.	<b>Editor-Nutrition Health and Lifestyle Management</b>  Chapters contributed-  Chapter 1. Nutrition and Health  Chapter 2. Nutrition and life stages  Chapter 3. Food safety and sanitation	K Leena Joseph	788193-962954	November 2019
2.	<b>Developmental Biology</b>  Chapters contributed-  Chapter 8. Experimental Embryology Chapter 10. Developmental defects and prenatal Diagnosis  Chapter 11-Regeneration		9-788193-681879	November 2019
3.	Gene to Genome  Chapters contributed-  Chapter 8. Digital Technology for Gene and		978-81-936818-4-8	December 2019

Genome			
Chapter 9. Applications of Bioinformatics			

### **ORIENTATION/REFRESHER COURSES ATTENDED**

SL.NO	NAME OF THE PROGRAMME	NAME OF THE ORGANISER	MONTH/ YEAR
1	<i>'Regional level Orientation programme'</i>	Xavier Board of Higher Education, Kerala North region	.17 <sup>th</sup> March2012
2	<i>Orientation programme for women teachers/counsellors'</i>	UGC Sponsored seminar organized by Dept. of student services & St.Xaviers college, Aluva.	July 30 <sup>th</sup> 2012
3	Refresher course in Lifescience	UGC-Academic staff college, Calicut University	22.11.2013- 12.12.2013,
4	Orientation programme	UGC-Academic staff college, Calicut University	23.10.2014- 20.11.2014
5	Orientation course for POs of NSS	Ministry of Youth Affairs and Sports, Rajagiri college of social sciences,Kalamassery	21-08-2014 to 27-08-2014
6	Yoga training programme	Centre for Yoga and Naturopathy and National Service Scheme, Mahatma Gandhi University,Kottayam	20-05-2016 to22-05-2016

7	FDP on 'Innovative teaching & learning methods'	St. Xavier's college for women, Aluva	May 2020
8	FDP on Best Practices in Research	Kerala State Higher Education Council	November 2020
9	FDP on 'Outcome Based Education: Framing Questions Using Bloom's Taxonomy',	UGC – STRIDE, Mahatma Gandhi University, Kottayam & Internal Quality Assurance Cell, Sree Sankara College, Kalady	21 <sup>st</sup> to 25 <sup>th</sup> June 2021.
10	FDP on 'The Dynamics of Research: Prospects, Reflections and Best Practices'	UGC-STRIDE, Mahatma Gandhi University & IQAC, St. Xavier's College for Women, Aluva,	1st to 7th July 2021.
11	Refresher Course-Biological Science	UGC-HRDC KANNUR UNIVERSITY	14-09-2022 to 27-09-2022

### **SEMINARS/CONFERENCES/WORKSHOPS ATTENDED#**

SL.NO	NAME OF THE PROGRAMME	NAME OF THE ORGANISER& SPONSORING AGENCY	VENUE & DATE	LEVEL *
1.	Food safety and quality assurance-A comprehensive perpetual perspective	UGC	Morning Star Home Science college, Angamal; 11&12-08-2016	National
2.	'The immune system: In health and diseases'	UGC	Post graduate department of Zoology, U C College Aluva; 22-09-2016	National
3.	Envision: A Holistic view on empowering women	NSS, St. Xavier's College, Aluva & dept of lifelong learning and extension, M G	St. Xavier's College for women, Aluva; 15 &16-11-2016	International

		University		
4.	Capacity building cluster workshop	New initiatives in higher education	MES College Marampilly; 16-01-2017	State
5.	Blue economy: Fostering sustainable development and profitable resource utilization	UGC	Fathima Matha College, Kollam on 22 August 2017.	National
6.	Darwinism in society	Zoological Society of Kerala	21 September 2017	State
7.	'Municipal Solid Waste management and its impact on ecosystem'	KSCSTE	Assumption college, Changanassery on 7 <sup>th</sup> & 8 <sup>th</sup> December, 2017	National
8.	Seminar on 'Wetlands for a sustainable urban future'	KSCSTE	St. Thomas College, Thrissur on 2 <sup>nd</sup> February 2018.	State
9.	Seminar on 'Nature for water'	KSCSTE	Sree Sankara college, Kalady on 27/03/2018	State
10.	Cluster workshop for internal mentors of WWS	Directorate of collegiate Education, Govt of Kerala	Government College, Tripunithura; 16 November 2018	State
11.	Online databases and information retrieval	IQAC & Library, Morning Star Home Science College, Angamaly	Morning Star Home Science College, Angamaly; 12 March 2019	Regional

\*INSTITUTIONAL, REGIONAL, STATE, NATIONAL, INTERNATIONAL

#(MENTION THOSE WHICH ARE RELEVANT & PREFERABLY WITHIN PAST 5 YEARS)

## SEMINARS ORGANIZED

- Seminar on Premarital Counselling "Physical and psychological aspects of married life" on 16<sup>th</sup> August 2016
- Seminar on World Environment Day 2016. "From financial to environmental governance joining the race..." on 14 June 2016.
- Seminar on international year of pulses 2016. Role of pulses in sustainable food production on



30 June 2016.
<ul style="list-style-type: none"> <li>• Seminar in connection with international yoga day ‘Importance of Fitness and Yoga in Health and Life style diseases’ on 21 June 2016.</li> </ul>
<ul style="list-style-type: none"> <li>• Seminar on ‘Nutritional Aspects, Food Adulteration and Sustainable Food Production’ on 23 August 2016.</li> </ul>
<ul style="list-style-type: none"> <li>• Seminar on the topic “APJ: The Legend” on 14 October 2016.</li> </ul>
<ul style="list-style-type: none"> <li>• State level workshop on “Manufacturing of Organic Pesticides” on 12<sup>th</sup> November 2016.</li> </ul>
<ul style="list-style-type: none"> <li>• KSCSTE sponsored Environmental programme -Seminar on Biodiversity and conservation on 8/6/2017 in connection with World Environmental Day</li> <li>• Seminar on “Genetics in Medicine” on 14/9/2017 in connection with SCAWEP and Zoology association inauguration</li> <li>• 3.Organized a talk on ‘Hands on the Introduction of Anatomy and Physiology’ as the part of lecture series on 12<sup>th</sup> February 2018.</li> <li>• Seminar on ‘Digital employability skills’ as the part of career guidance was organised to all final year degree students on 12<sup>th</sup> February.</li> <li>• Two days orientation programme on Time management, leadership, managerial excellence and Human resource management was organized for the non catholic students on 3<sup>rd</sup> and 4<sup>th</sup> August 2017.</li> <li>• Training programme on pain and palliative care for the volunteers on 22<sup>nd</sup> February 2018</li> <li>• Life guidance programme on ‘Developing Self-Esteem and Self Confidence, Stress Management’ with sponsorship from KS WDC on 18<sup>th</sup> and 19<sup>th</sup> November 2017. 8. Organized Lecture Series on Famous Indian Women on 8<sup>th</sup> January 2018</li> <li>• Training programme on Women self defensive techniques on 19<sup>th</sup> January 2018.</li> <li>• Awareness Seminar on ‘Laws on women and child rights and domestic violence</li> <li>• Lecture Series on Famous Indian Women on 8<sup>th</sup> January 2018 .</li> <li>• Training programme on pudding recipes on 31<sup>st</sup> January 2018.</li> </ul>

<ul style="list-style-type: none"> <li>• Symposium on Polycystic ovary syndrome in association with GIFT IVF Centre, Kochi on 16<sup>th</sup> February 2018</li> <li>• Seminar on ‘Gender equality and Women empowerment’ on 13<sup>th</sup> March 2018.</li> </ul>
<ul style="list-style-type: none"> <li>• State level seminar on “Plastic pollution: Threats and impacts on ecosystem” connection with World Environmental Day on 19<sup>th</sup> June 2018.</li> <li>• Seminar on ‘Return to Nature’ in connection with Zoology association inauguration on 1<sup>st</sup> November 2018.</li> <li>• Seminar on ‘Biodiversity and Health’ in connection with nature study programme on 7<sup>th</sup> February 2019.</li> <li>• Seminar on ‘Gender awareness and women and child rights’ on 21<sup>st</sup> January 2019.</li> <li>• 5. Seminar on ‘Gender equality and Women empowerment’ in connection with international women’s day on 8<sup>th</sup> March 2019</li> </ul>
<ul style="list-style-type: none"> <li>• Seminar on “<b>Air pollution and its impacts on ecosystem</b>” in connection with World Environment Day on 13<sup>th</sup> June 2019.</li> </ul>
<ul style="list-style-type: none"> <li>• Seminar “Zoonoses with special reference to Corona virus” on 1<sup>st</sup> February 2020</li> </ul>
<ul style="list-style-type: none"> <li>• National Seminar on “Molecular docking studies: A paradigm shift in anticancer research” 16<sup>th</sup> May 2020</li> </ul>
<ul style="list-style-type: none"> <li>• Seminar on ‘Healthy Relationships’ on 28<sup>th</sup> June 2019.</li> </ul>
<ul style="list-style-type: none"> <li>• Seminar on ‘Changing role and status of women in Kerala – Women and Economy’ on 5<sup>th</sup> December 2019.</li> </ul>
<ul style="list-style-type: none"> <li>• Seminar on ‘Reproductive Health’ on 6<sup>th</sup> December 2019.</li> </ul>
<ul style="list-style-type: none"> <li>• seminar on ‘environmental issues and disaster management’.</li> </ul>
<ul style="list-style-type: none"> <li>• Seminar on ‘Developing a positive attitude’ on 9<sup>th</sup> March 2019</li> </ul>
<ul style="list-style-type: none"> <li>• webinar on “How to improve immunity by eating healthy” on 15<sup>th</sup> August 2020.</li> </ul>
<ul style="list-style-type: none"> <li>• webinar on “Atrocities against women and the legal remedies” on 22<sup>nd</sup> August 2020.</li> </ul>
<ul style="list-style-type: none"> <li>• webinar on “Impact of mass media on common man during covid days” on 19<sup>th</sup> september 2020.</li> </ul>
<ul style="list-style-type: none"> <li>• international webinar on “Ayurvedic perspectives on Immunity”. on 29<sup>th</sup> July 2020</li> </ul>

<ul style="list-style-type: none"> <li>• “Fundamentals of IPR: Special focus on Life Sciences” on 22<sup>nd</sup> July 2020.</li> </ul>
<ul style="list-style-type: none"> <li>• ‘Impact of Covid 19 Lockdown on Environment, What future can we build’ in connection with World Environmental Day on 5<sup>th</sup> June 2020.</li> </ul>
<ul style="list-style-type: none"> <li>• Webinar on ‘At the point of no return’ on 5<sup>th</sup> June 2021 in connection with World Environmental Day.</li> </ul>
<ul style="list-style-type: none"> <li>• Career Guidance Webinar on ‘Coding and Billing’ on 26<sup>th</sup> November 2021.</li> </ul>
<ul style="list-style-type: none"> <li>• Training programme in vermicomposting techniques at Nazareth Nagar for people in the neighbourhood on 23<sup>rd</sup> December 2021.</li> </ul>
<ul style="list-style-type: none"> <li>• Training programme in vermicomposting techniques for students on 13<sup>th</sup> December 2021.</li> </ul>
<ul style="list-style-type: none"> <li>• Skill enhancement training programme in ‘Paper Bag Making’ on 31<sup>st</sup> August, 1<sup>st</sup>, 7<sup>th</sup>, 9<sup>th</sup> and 16<sup>th</sup> September 2022.</li> </ul>
<ul style="list-style-type: none"> <li>• Webinar series- Alum waves:1 on “ICT enabled tools for learning” on 10<sup>th</sup> August 2021 at 3 pm .</li> </ul>
<ul style="list-style-type: none"> <li>• Webinar series- Alum waves:2 on “Entrepreneurship and youth in action” on 29<sup>th</sup> August 2021</li> </ul>
<ul style="list-style-type: none"> <li>• Webinar series- Alum waves:3“Unlearning Gender Lessons” on 3<sup>rd</sup> September 2021</li> </ul>
<ul style="list-style-type: none"> <li>• Webinar Series Alum waves- 4‘Health and Hygiene’ on 4<sup>th</sup> September 2021</li> </ul>
<ul style="list-style-type: none"> <li>• Webinar Series Alum waves- 5 on “Aids- an overview” on 1<sup>st</sup> October 2021</li> </ul>

\*INSTITUTIONAL, REGIONAL, STATE,NATIONAL, INTERNATIONAL

## PROFESSIONAL AFFILIATIONS/MEMBERSHIPS

1.Member, Bharatiya Vidya Bhavan

2.Member, Zoological Society of Kerala

## INVITED TALKS/IN MEDIA/ANY OTHER

- State level workshop on conservation of environment and eco friendly management of domestic waste-a sustainable approach on 11th &12<sup>th</sup> June 2011
- Popular lecture-KSCSTE Sponsored seminar on different types of pulses in connection with international year of pulses on 30<sup>th</sup> June 2016
- Talk on eat healthy, beat diabetes organized by Kerala Social Security Mission-Vayomithram

8 April 2016
<ul style="list-style-type: none"> <li>• Talk on ‘Organic farming-A key to sustainable development’ at Eldos Mar Baseliious College, Kothamangalam on 22/7/2017</li> </ul>
<ul style="list-style-type: none"> <li>• Inauguration of the minicamp of NSS and took an orientation class on the role of NSS of Yeldos Mar Baseliious college Kothamangalam.</li> </ul>
<ul style="list-style-type: none"> <li>• Orientation class on the role of NSS at Morning star home science college Angamaly.</li> </ul>
<ul style="list-style-type: none"> <li>• Inauguration of the women’s forum, DOWE and served as a resource person on ‘Gender issues and women empowerment’ in connection with international women’s day celebration of De paul Institute of Science and Technology on 8th March 2018.</li> </ul>
<ul style="list-style-type: none"> <li>• ‘National Reconstruction and Sustainable Development’ Sree Sankara Vidyapeetom college,Valayamchirangara &amp; Centre for Yoga and Naturopathy and School of Gandhian Thought and Developmental Studies M G University, Kottayam September 2019</li> </ul>
<ul style="list-style-type: none"> <li>• Impact of Covid 19 Lockdown on Environment, What future can we build’ in connection with World Environmental Day on 5th June 2020.</li> </ul>
<ul style="list-style-type: none"> <li>• Judge for Zonal Zoofest Competitions January 2020 (Just A Minute, Scientific Drawing, Dissection)</li> </ul>
<ul style="list-style-type: none"> <li>• Resource Person for Faculty and Student Exchange Programme 2021</li> </ul>
<ul style="list-style-type: none"> <li>• Resource Person for Certificate Course in Zoonoses</li> </ul>
<ul style="list-style-type: none"> <li>• Judge for Zonal Zoofest Competitions (power point presentation) January 2021</li> </ul>
<ul style="list-style-type: none"> <li>• Resource Person for Certificate Course in Ornamental Fish Culture</li> </ul>
<ul style="list-style-type: none"> <li>• Judge for Zonal Zoofest Documentary film competition Zoological Society of Kerala</li> </ul>
<ul style="list-style-type: none"> <li>• Training programme in vermicomposting techniques at Nazareth Nagar for people in the neighborhood on 23rd December 2021.</li> </ul>

## POSITIONS HELD IN COLLEGE

Magazine staff editor: 2000-2001

Union Advisor: 2010-11, 2013-14

NSS Programme Officer: 2014-2017

Youth red cross Co-ordinator :2012-2020

Women’s cell Co-ordinator:2012-2020

Red Ribbon Club Co-ordinator: 2014-2017

SSP Mentor: 2016-2017

Human Values Development Programme- Co-ordinator : 2017-2018, 2018-2019, 2019-2020, 2020-2021,2021-2022,2022-2023
Student Counselling- Co-ordinator: 2017-2018
Bhoomithrasena club: Co-ordinator: 2018-2019, 2019-2020,2020-2021,2021-2022,2022-2023
IEDC -Start up mission- Co-Ordinator 2018-2019
WWS mentor: 2019-2020
Alumnae Association: Co-ordinator: 2020-2021,2021-2022,2022-2023
Internal Complaint Cell/CASH: 2020-2021,2021-2022,2022-2023

### **PG PROJECTS GUIDED**

SL.NO	TITLE	MONTH/ YEAR
1.	A Study on three types of Compost and their Effect on the Growth of <i>Amarathus Dubius</i>	July 2021

### **UG PROJECTS GUIDED**

SL.NO	TITLE	MONTH/ YEAR
1.	Comparative analysis of vermicompost and vermiwash to estimate its productivity in <i>Abelmoschus esculentus</i>	2017
2.	A study on the diversity of gastropod molluscs of vypin –cherai beach, Kerala	2017
3.	Assessment of nutritional status of senior citizens	2017
4.	Study on hydrological parameters and associated health issues in Champannoor industrial area	2018
5.	A study on the effect of soft drinks on tooth and bone	2018
6.	Effect of physic- chemical parameters on hatching of <i>Artemia</i>	2018
7.	Detection of formalin in fish samples collected from Ernakulam district, Kerala	2019
8.	A study on ammonia adulteration in fish samples collected from Ernakulam district, Kerala	2019

9.	Study on diversity and abundance of order Hemiptera in Morning Star Home Science College, Angamaly	2019
10.	Effect of dietary carotenoid sources in growth and colour enhancement of gold fish, <i>Carassius auratus(L.)</i>	2020
11.	A study on rice husk charcoal composting and their effect on the growth of red spinach, <i>Amaranthus dubius</i>	2020
12.	Evaluation of toxicity of pesticides in non-targeted organisms present in different soils	2020
13.	Study on prevalence of covid 19 in ward no. 30 of Angamaly municipality	2021
14.	Prevalence of covid 19 in ward no: 10 of Parakkadavu panchayath	2021
15.	A study on the biodiversity of gastropod molluscs of Kuzhuppilly beach, Kerala	2021
16.	A study on the biodiversity of butterflies of Thuruthissery village, Kerala	2021
17.	A study on the biodiversity of gastropod molluscs of Cherai beach, Kerala	2021
18.	A study on the biodiversity of gastropod molluscs of fort Cochin beach, Kerala	2021
19.	A study on the biodiversity of butterflies of Kariyad village, Kerala.	2021
20.	Prevalance of Thyroid Disorders in Ward No. 20 of Angamaly Municipality Ernakulam District	2022
21.	Prevalance of Thyroid Disorders in Ward No.19 of Eloor Municipality, Ernakulam District	2022
22.	Prevalance of Thyroid Disorders in Ward No: 14 of Puzhakkatturi Panchayath , Malappuram District	2022
23.	Prevalance of Type 2 Diabetes Mellites in Ward No.5 of Annamanada Panchayath, Thrissur District	2022
24.	Prevalance of Type 2 Diabetes Mellites in Ward No.22 of Kodungallur Municipality, Thrissur District	2022
25.	Prevalance of Type 2 Diabetes Mellites in Ward No.10 of Kalady Panchayath, Ernakulam District	2022

## TRAINING PROGRAMS AND EXHIBITIONS

Training programme on preparation of washing and cleansing agents in association with Sahradaya

centre, Angamaly on 25<sup>th</sup> March 2017.

.Training programme on “Study material preparation” Zoological Society of Kerala

Training on “Rapid assessment of biodiversity loss of flood affected areas” Kerala State Biodiversity Board and KILA

Training on “Propagative Techniques” Krishi Vigyan Kendra, Thrissur

Exhibition- Samskrithi

Exhibition on medicinal plants- punarnavam

Exhibition on zoonoses

### **NATURE CAMP ATTENDED**

- Nature camp held by Kerala forest & Wild life department, at Thattekkad Bird sanctuary from 16<sup>th</sup> - 18<sup>th</sup> December 2014.
- Nature camp held by Kerala forest & Wild life department, at Shola National Park Vattavada from 26<sup>th</sup> - 28<sup>th</sup> July 2014.
- Nature camp by Kerala forest & Wild life department at Idukki wildlife Sanctuary from 16<sup>th</sup> to 18<sup>th</sup> March 2017.

### **LECTURE NOTES**

1. Organising Various activities for the beneficial of community through NSS, Women’s cell, Youth red cross and Bhoomithrasena club
2. Environment awareness Programmes for students

### **REFERENCES**

**Dr Nirmalakumari K R** , Rtd. Professor and Head, Morning Star Home Science College, Angamaly

**Dr. K R Purushan**, Rtd. Professor and Head, Fisheries Research station, Pudukkottai