

CURRICULUM VITAE

Name : **Capt. Dr. L. Merlin Dayana**
Designation : Assistant Professor and
Associate NCC Officer
Department : Zoology
Date of birth : 30.06.1985
Date of Appointment : 01.02.2009



Present Address : ½, Dayana cottage, Near Uduppi Hospital, Vaigai road,
Thenkakari via, Periyakulam, Pin:625 601.

Permanent Address : No. 6/132, Kaatuvilai vedu,
Kappukadu Post,
Kanyakumari District,
Pin: 629162.

Mobile : 9597143380

Email : merlindayana.dayana@gmail.com

ACADEMIC DETAILS

S. No.	Degree	Institution / University	Year of Passing
1	Ph.D	St. Xavier's college, Palayamkottai.	2014
2	PRCN/GD/ SW-88	NCC Women's College (OTA), Gwalior	2012
3	M. Phil.	Loyola College, University of Madras.	2008
4	M. Sc.	Jayaraj Annapackiam College for Women, Periyakulam. Mother Teresa University, Kodaikanal.	2007
5	B. Sc.	Nesamony Memorial Christian College,	2005

	Marthandam, M. S. University, Thirunelveli.	
--	---	--

TOTAL EXPERIENCE : 15 years

AREA OF SPECIALIZATION/INTEREST : Entomology and Aquaculture

POSITIONS HELD:

2011-till date – Associate NCC Officer

RESEARCH EXPERIENCE: 15 years

PUBLICATIONS:

National: Papers entitled,

- Effect of plant food utilization and energy budget of fresh water fingerlings *Catla catla* and *Cirrhinus mrigala*, J. Aqua. Biol.,24(2),2009:234-238, Aquatic Biology.
- Effect of different animal diets on energy budget of freshwater fingerlings *Catla catla* and *Cirrhinus mrigala*. Res. Environ. Life Science 4(2) 75 – 78 (2011), Aquatic Biology.
- Importance of higher education for women empowerment in society, JACJOSHAM, Vol.4, No.1, December 2016, ISSN: 2347-9868.
- Insect diversity of sugarcane field in Theni district, Tamil Nadu, India. JACJOSHAM, Vol.5, No.1, December 2017, ISSN: 2347-9868.

International: Papers entitled,

- Insect diversity of sugarcane fields in Theni District, Tamil Nadu, South India, IJALS. Vol.2, Feb-April: 2012, International Journal of Advanced Life Sciences
- Biodiversity of insects in sugarcane field at A. vadipatti, TN, India, ISSN-2319- 1414.
- The population dynamics of insects in sugarcane field in Aundipatti, Theni District, TN. ISSN-5563-1682.
- Diversity Of Insects in Sugarcane Field at Chinnamanur, Theni District, Tamil Nadu, International journal for innovative research in multidisciplinary field. Vol-2, Issue-10, Oct -2016.
- Richness, diversity and population dynamics of insects associated with sugarcane field at Chinnamanur, Theni district, Tamil nadu, India. Journal of Emerging Technologies and Innovative Research (JETIR), March 2019, Volume 6, ISSue 3, ISSN-2349-5162.
- Assesment of diversity and relative abundance of insect fauna associated with banana (*MusaParadisiaca*) field at devathanapatti village, Theni district. Volume 8,ISSUE 5, 2021. Strad Research, ISSN:0039-2049 Pg.No: 616-624.
- Establishment of water quality index in different waters of Theni and Dindigul districts, International journal of Poll.Res.40(2):485-492, on July 2021.
- Assessment of diversity and relative abundance of insect fauna associated with banana (*Musa paradisiaca*) Field at devadhanapatti village, Theni district. ISSN: 0039-2049, VOLUME 8, Strad Research, ISSUE 5, 2021.

- Assessment of diversity and relative abundance of Insect fauna in sugarcane field at devathanapatti Village, theni district. ISSN: 0039-2049, Strad Research, VOLUME 8, ISSUE 11, 2021.
- Consequences of NCC training on women advancements, ISSN: 0039-2049, Strad Research, VOLUME 8, ISSUE 11, 2021.
- Phytochemical, antimicrobial activity and larvicidal effect of flower, *Moriga oleifera*, Research Journal of Agricultural sciences, Volume14, Issue 02, pp.438-444, 23rd March 2023.

PAPER PUBLICATIONS IN PROCEEDINGS

- Professional competencies and skill for the future ISBN-978-81-909490-7-1, page: 236-239.
- Population dynamics of insects in sugarcane field at periyakulam, ISBN-978-81- 923038-6-4, page: 84-89.

PRESENTATIONS

- Studies on the effect of different diets on bioenergetics in fish *Labeo rohita* (Hamilton) on 10th March, 2009 at J.A. College, Periyakulam.
- Professional competencies and skill for the future. ISBN No: 978-81-909490-7-1 on 6th March, 2010 at J.A. College, Periyakulam.
- Population dynamics of insects in sugarcane field at periyakulam. **ISBN No. 978-81- 909490-7-1, page: 236-239** on 28th January 2015 at J.A. College, Periyakulam.
- Importance of higher education for women empowerment in society on 30th September 2016 at J.A. College, Periyakulam.

AWARDS RECEIVED

- Received Golden Star Award from the Women Consumer Association, Madurai on 18th July 2021
- Received the “VEERA MAARAYAM” award from Madurai Ilakkiya Mantam and Arunachala foundation, Madurai on 31.01.2023.
- Received the “DDG Award” from Tamil Nadu NCC Directorate, Chennai.

COMPLETED SWAYAM COURSES

- Swayam online course on “Food Nutrition for Healthy living” offered by NCERT, New Delhi during 1st November 2020 to 11th April 2021.
- Swayam online course on “Applied Entomology” offered by Consortium for Educational Communication (CEC), New Delhi, August, 2021.

DETAILS OF SEMINAR, CONFERENCES AND WORKSHOP ORGANIZED

S.No	Name of the Conference	Date & Place
1	Served as a Organizing secretary on 5 day workshop on “SPSS”	24 th August 2015 to 28 th August 2015. J.A College for women (Autonomous), Periyakulam
2	Served as a Organizing secretary “Emerging Trends in Life Sciences”	9 th January 2018, J.A College for women (Autonomous), Periyakulam

3	National Level E-Quiz 19 th to 23 rd May 2020	National Cadet Corps Jayaraj Annapackiam college for women (Autonomous), Periyakulam, Theni District. 893 participants
4	A five-day online workshop on NCC- “An Overview”	8.6.2020 to 12.6.2020, Jayaraj Annapackiam college for women (Autonomous), Periyakulam, Theni District.
5	A one-day national level capacity enhancement online programme on “Yoga Practices”	21.6.2020, JAC, Periyakulam and APAC, Palani.
6	Served as a Coordinator in 6 days online EBSB camp	15.8.2020 to 20.8.2020-National level Online camp
7	Served as a organizing secretary on “Recent Trends in Life Sciences”	5 th and 6 th January 2021, Jayaraj Annapackiam college for women (Autonomous), Periyakulam,
8	National level webinar on “Fit India 2021”	15 th September 2021, Jayaraj Annapackiam college for women (Autonomous), Periyakulam, Theni District.
9	Fit India Freedom Run 21 - Maarathan	2 nd October 2021, Jayaraj Annapackiam college for women (Autonomous), Periyakulam, Theni District.
10	“Clean India Campaign”	31.10.2021, Jayaraj Annapackiam college for women (Autonomous), Periyakulam, Theni District.
11	Felicitation ceremony to RDC-2023, NCC cadets	07.02.2023, Jayaraj Annapackiam college for women (Autonomous), Periyakulam, Theni District.
12	Interdisciplinary Approaches in Biology	06.12.2023, Jayaraj Annapackiam college for women (Autonomous), Periyakulam, Theni District.
13	Inservice Training to Science Teachers in Theni district.	4 th to 9 th January 2024, Jayaraj Annapackiam college, for women (Autonomous), Periyakulam, Theni District.
14	Guest Lecture on “Silver jubilee celebration of Kargil vijay Diwas”	25 th July 2024, Jayaraj Annapackiam college, for women (Autonomous), Periyakulam, Theni District.

RESOURCE PERSON

Title	Date and place
National level five days online workshop on “Role of youth in Nation Building” Topic: “Awareness on National Integration”	29.7.2020 NMCC, Marthandam and St. Xavier’s college of Engineering, Nagercoil
National level five days online workshop on NCC - “An Overview” Topic: “Career counseling and Interview skills in NCC”	12.6.2020 Jayaraj Annapackiam college for Women (Autonomous), Periyakulam, Theni District
5 days online workshop on National Cadet Corps – Guidance for ‘B’ and ‘C’ Examinations and SSB Procedures Topic: “Advantages and Incentives of NCC cadets”	30.05.2020 Arulmigu Palaniyandavar Arts and Science college for women, Palani.

ORIENTATION AND REFRESHER ATTENDED

S. No	Programme	Date and Place
1	Orientation	17.5.2018 to 13.6.2018 Bharathiar University, Coimbatore.
2	Refresher on “Research Methodology”	7 th July to 20 th July 2020 Mizoram University, Azhiwal.
3	Refresher on Recent Advance in life science for sustainable development	2 nd August to 14 th August 2021, Guru Ghasidas Vishwa vidyalaya central university, Bilaspur.
4	Refresher on “Managing online classes and co-creating MOOCs 23.0	7 th to 21 st February 2023 at Ramanujan college, Delhi.

SERVED AS A SUBJECT EXPERT IN BOS

- Served as a NCC subject expert in BOS on 13th October 2021 at APA College, Palani.

SERVED AS AN EXTERNAL EXAMINER

Served as External examiner for semester practical examination at HKRH college, uthamapalayam from 25th and 26th March 2024.

DETAILS OF SEMINAR, CONFERENCES AND WORKSHOP ATTENDED

S. No	Date	Seminar, conferences and workshop attended	Place
1.	27.1.2009	State Level Conference on “Modern Biological Sciences”	J.A.College for Women, Periyakulam
2.	23.2.2009	University Level workshop on “Application of Statistical Packages in Biology”	J.A.College for Women, Periyakulam
3.	02-03-2009 & 03-03-2009	National Conference on “Quality and Relevance in Higher Education-New Challenges”	J.A.College for Women, Periyakulam
4.	09-03-2009 & 10-03-2009	National Seminar on “Conserve the Mother Earth-Need of the Hour”	J.A.College for Women, Periyakulam
5.	26-11-2010 & 27-11-2010	State Level Workshop on “Higher Education in a changing Environment”	J.A.College for Women, Periyakulam.
6.	06-12-2010 & 07-12-2010	National Conference on “Inoculation of Values Holistic life A midst Technological Scenario”	J.A.College for Women, Periyakulam.
7.	16-12-2010	State level Seminar on “Biodiversity-Measures for conservation and Management”	J.A.College for Women, Periyakulam.
8.	2 to 9-03-2011	National Seminar on “Value Education”	NBCLC, Bangalore.

9.	12, 13-11-2011	Workshop on “Recent trends in science for talented rural students of Periyakulam Educational District	J.A.College for Women, Periyakulam.
10.	14, 15-02-2012	Workshop on Hands on Training in Avian studies	J.A.College for Women, Periyakulam.
11.	18,19-12-2012	National Seminars on “Few Frontiers in Biology”	J.A.College for Women, Periyakulam.
12.	11 to 15-02-2013	Statistical packages for the Social Sciences	J.A.College for Women, Periyakulam.
13.	19-08-2013	International Seminar on Modern Trends in applied microbiology	J.A.College for Women, Periyakulam.
14.	3 to 7-09-2013	Faculty Training programme in Entrepreneurship	J.A.College for Women, Periyakulam.
15.	13-11-2013	Reforms in curriculum development and Examination System	J.A.College for Women, Periyakulam.
16.	11 th & 15 th February, 2013	State level seminar on “Statistical Packages for the Social Sciences	J. A. College for Women, Periyakulam
17.	11 th to 13 th September 2014.	National workshop on E-content development from effective teaching and learning	J. A. College for Women, Periyakulam
18.	28 th January 2015 to 29 th January 2015	National seminar on Interdisciplinary applications of biology	J. A. College for Women, Periyakulam
19.	11 th & 12 th February 2015	National Seminar on Sustainable Development and the role of women in Nation building on Women and Health	J. A. College for Women, Periyakulam
20.	02 nd September, 2015.	One day workshop on Polymerase chain reaction Techniques	J. A. College for Women, Periyakulam
21.	27 th to 28 th January 2016	Ranking the research publication-citation analysis, citation database and Antiplagiarism	J. A. College for Women, Periyakulam
22.	29 th to 30 th September, 2016	NAAC Sponsored National Conference on Quality Assurance and Quality Sustenance in Higher Educational Institutions: Challenges	J. A. College for Women, Periyakulam

		and Solutions	
23.	18 th October, 2016.	“Virtual Dissection Lab in Zoology” at Department of Biotechnology	Mother Teresa Women’s University, Kodaikanal
24.	29 th to 30 th September, 2016	Quality Assurance and Quality Sustenance in Higher Educational Institutions: Challenges and Solutions	J. A. College for Women, Periyakulam,
25.	9.2.2017 to 10.2.2017	Microbial tool and Bioremediation	J. A. College for Women, Periyakulam,
26.	5 th and 6 th September 2017.	Statistics using EXCEL and SPSS	J.A. College for women, Periyakulam
27.	9 th January 2018	“Emerging Trends in Life Sciences”	J.A. College for women, Periyakulam
28.	19 th & 20 th February,2018	Women in Science and Research	J.A. College for women, Periyakulam
29.	6 th to 8 th September, 2018	Train the Trainer National workshop on Creating Alternative Digital Teaching Learning Environment in Higher Education Institutions	Fatima College, Madurai.
30	11 th and 12 th December 2019	Emerging Trends in current Environmental Issues	J.A. College for women, Periyakulam.
31	5-4-2020.	n- Covid19 Awareness and prevention Program	Apollo Med skills
32	9-4-2020.	Food Energy online training.	Food standards Agency United Kingdom
33	11-4-2020	Covid 19- Awareness and Management	Medvarsity, Nathealth and FCCI
34	11-4-2020,	Let’s Break the Chain of COVID-19 Infection	Muhammed Bin Rashid University of Medicine and Health Sciences. UAE
35	14.4.2020	Severe Acute Respiratory infection-Treatment facility design	World Health Organization
36	15 and 16 April.	Online Training Program on Entrepreneurship	Arulmigu Palaniandavar Arts College for Women, Palani

37	21-4-2020.	Day 2 Leading in a Vuca world	Sky Campus and ICTA academy
38	22-4-2020	Day 3 Leading in a Vuca world	Sky Campus and ICTA academy
39	24-4-2020	Day 5 Leading in a Vuca world	Sky Campus and ICTA academy
40	21-4-2020 to 30-4-2020	10-day online workshop for teachers	, Universal Teachers Academy, Pudhucherry
41	22.4.2020 to 27.4.2020	6 days Online course on Personality Development of Professionals	Marudhar Kesari Jain college for women, Vaniyampadi
42	27-4-2020	Cognitive Fitness Education through Physical Activity	Arulmigu Palaniandavar Arts College for Women, Palani
43	27-4-2020 to 29-4-2020.	The role of Language and researcher.	Immaculate College for women, Viriyur
44	27-4-2020 to 2-5-2020.	Effective Usage of ICT tools for E-Content Preparation.	Jayaraj Annapackiam College for women
45	30-4-2020 to 4-5-2020	Moodle Learning Management Systems	G.Venkataswamy Naidu College and Spoken Tutorial of IIT Bombay
46	4.5.2020 to 6.5.2020	Three Day Faculty Development Programme on Teaching, Learning and Evaluation	Arulmigu Palaniandavar Arts College for Women, Palani
47	5-5-2020 to 7-05-2020	Webinar, A step towards Healthy Life Through Ayurveda.	RK university Ayurvedic College & Hospital, Rajkot
48	06.5.2020 to 09.5.2020	4days online Lecture series on “Marine Ecology and Climate Change – MECC-2020	Centre for climate change studies in association with Tamilnadu Science Forum.
49	8-5-2020 to 12-5-2020	FDP on “Recapitulating Billion Years of Bharathiya wisdom for molding millennial	Arasu womens College, karur.
50	11.5.2020 to 12.5.2020	Two-day Faculty Development programme on New Normal-Pedagogical tools for online teaching	Fathima college, Madurai
51	11.5.2020 to 16.5.2020	One week Faculty Development Programme on ICT Tools. Association with STP- IIT Bombay.	Department of Information Technology. Sree vidhyanikethan Engineering college, Tirupathi.
52	12-5-2020 to 16-5-2020	National Level online internship Training Programme on “Holistic Development”	. Arulmigu Palaniandavar Arts College for Women, Palani
53	12-5-2020,	1-day online training on “Psychological First Aid”	Department of Socialwork, Holy Cross College, Trichy
54	13-5-2020	Webinar on “Waste to wealth”	Justice Basheer Ahme Sayeed College for Women, Chennai.

55	14-5-2020,	Webinar on “Digital Circuit Design Using Scilab”	Department of Electronics and Communication by Scad College of Engineering and technology.Tirunelveli
56	18-05-2020.	International webinar on Transgenic Plant production – Theoretical & Practical Approach	Vinayaka Missions Kirupananda Variyar Engineering College, Salem
57	18-5-2020,	FDP on Business Analytics and Its Applications	VIT- AP.
58	20.5.2020	Webinar on “Virtual Reality”	St. Anne’s College of Engineering and Technology, Anguchettipalayam, Panruti
59	22.5.2020	National level webinar on History of covid 19 pandemic	Jayaraj Annapackiam college for women (Autonomous),Periyakulam, Theni District
60	20.5.2020	Webinar on structural characterization of drugs by spectroscopic studies	G.T.N Arts college (Autonomous), Dindigul
61	21.5.2020	Webinar on Immune boosting diet for Covid- 19	The American College, Madurai
62	11-16.5.2020	International level FDP on Research Challenges and Innovation in renewable energy systems	AVIT (Aarupadai veeduInstitute of Technology)
63	13-15.5.2020	Online course on Apiculture	ANJAC, Sivakasi
64	23.5.2020	Online course on Bee Keeping	Arulmigu Palaniyandavar college, palani.
65	22.5.2020	International webinar on Biodiversity	PG and Research centre of zoology, The American College, Madurai
66	22 nd to 29 th May 2020	National Webinar on “Outcome Based Education”	Jayaraj Annapackiam college for women (Autonomous), Periyakulam, Theni District.
67	30 th May 2020	Webinar on “Lost Paradise”	Jayaraj Annapackiam college for women (Autonomous), Periyakulam, Theni District.
68	5 th and 6 th January 2021	International level webinar on “Recent Trends in Life Sciences”	Jayaraj Annapackiam college for women (Autonomous), Periyakulam, Theni District
69	3 rd May 2021	National level webinar on Quality enhancement initiative through innovative practices	Jayaraj Annapackiam college for women (Autonomous), Periyakulam, Theni District
70	17 th to 22 nd May 2021	National level one-week short term yoga course	Mother Teresa Women’s University, Kodaikanal

71	19 th May 2021	International level webinar on Intellectual property rights-2	Mc Gill university, Canada
72	24 th May 2021	National level webinar on Reconnecting mentor and mentee in pandemic	Scott Christian college, Nagercoil
73	27 th and 28 th May 2021	International webinar on “Role of Biotechnology in current scenario	Sri Venkateshwara university, Tirupathi
74	24 th May to 6 th June 2021	FDP on Pedogogy and research methods	AMET university, AP
75	8 th June 2021	National level webinar on 3 keys to thrive healthy life during pandemic	Sadakathillah Appa college, Trinelveli.
76	7 th to 11 th June 2021	International level FDP on Challenges in energy management for smart cities	AVIT university
77	11 th June 2021	National level virtual conference on Environment protection and wildlife conservation, EPWC-2021	ANJACC college, Sivakasi
78	11 th to 17 th June 2021	FDP on Yoga for well-being during covid period	AMIT university, AP
79	4 th July to 8 th August 2021	International FDP on Basic Techniques in microbiology (Phase IV)	Sacret Heart College Tirupathur.
80	27 th August 2021	State level webinar on Honey Bees-Hope	Jayaraj Annapackiam college for women (Autonomous), Periyakulam, Theni District
81	1 st September2 021	International webinar on Recent Trends in Life Sciences-Phase II	Jayaraj Annapackiam college for women (Autonomous), Periyakulam, Theni District
82	28 th September 2021	International webinar on Migration of tamils in the French colonial countries-AHistorical perspective	Jayaraj Annapackiam college for women (Autonomous), Periyakulam, Theni District
83	13 th September 2021	National level webinar on Fit India 2021	Jayaraj Annapackiam college for women (Autonomous), Periyakulam, Theni District

84	15 th December 2021	“Mushroom fortified bakery products preparation”.	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam
85	21 st and 22 nd January, 2022	“Interactive E-Content development”	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam
86	19 th and 20 th September 2022	International conference on Life science Research and Intellectual property rights	St. Joseph’s college for women, Kerala
87	19 th – 21 st December, 2022	Organic Farming and Bio Dynamic Composting	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam
88	6 th December 2023	Interdisciplinary Approaches in Biology	Jayaraj Annapackiam College for Women (Autonomous), Periyakulam
89	10 th May 2024	Biomedical Applications of Nanomaterials	Noorul Islam Centre for Higher Education, Kanyakumari.

PROGRAMME ATTENDED IN NCC

S.NO	NAME OF THE EVENT	PLACE	DATE
1.	PRCN course	OTA, Gwalior	6.8.2012 to 03.11.2012
2.	IUC-RDC Training	ST. Hindu College, Nagercoil	29 th July 2013 to 07 th August 2013.
3.	RDC training camp	Police Training centre, Madurai	4 th November 2013 to 14 th November 2013.
4.	ANO Conference	2TN Girls Battalion NCC Unit, Madurai.	19 th February 2014
5.	Served as a Board of member in “B” and “C” certificate examination	J.A. College for women (Autonomous), Periyakulam.	16 th , 17 th February 2014
6.	CATC (Combined Annual Training Camp)	SUM H.School, Royappanpatti	21.05.2016 to 30.05.2016
7.	CATC-Cum-GP RDC Launch camp	Vellammal HSS, Madurai	23.9.2016 and 24.9.2016.
8.	ANO Conference	2TN Girls Battalion NCC Unit, Madurai.	24.5.2015
9.	ANO Conference	2TN Girls Battalion NCC Unit, Madurai.	14.10.2015
10.	ANO Conference	2TN Girls Battalion NCC Unit, Madurai.	17.6.2016.
11.	CATC cum IUC-RDC camp	Ponjesily Engineering College, Nagercoil.	27.7.2016 to 6.8.2016.
12.	ANO Conference	2TN Girls Battalion NCC Unit, Madurai.	17.8.2016.

13.	ANO Conference	2TN Girls Battalion NCC Unit, Madurai.	21.9.2016
14.	CATC cum GP RDC TRG-I camp	James college of Engineering and technology, navalkadu, Nagercoil	23 rd August 2017 to 1 st September 2017.
15.	BLC (Basic Leadership camp)	Kumbakonam	29 th June 2018 to 8 th July 2018
16.	ANO conference	2TN Girls Battalion NCC Unit, Madurai.	7 th September 2021
19	CATC cum GP RDC TRG-I	NTA, Madurai	21 st to 30 th April 2023
20	CATC cum IUC-RDC camp	NTA, Madurai	17 th to 26 th August 2023
21	CATC cum GP RDC TRG-I	NTA, Madurai	08 th to 17 th December 2023