

<b>Name</b>	<b>Dr. P. Hermalin</b>
<b>Qualification</b>	<b>M.Sc., M.Phil., Ph.D</b>
<b>Designation</b>	<b>Assistant Professor</b>
<b>Year of Joining</b>	<b>23.12.2023</b>
<b>Specialization</b>	<b>Ecology</b>
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### Seminars/Workshops/FDP/ Conferences

<b>Title of the Workshop/ Seminar/ FDP</b>	<b>Type</b>	<b>Paper Presented/ Participated</b>	<b>Title of the Paper</b>	<b>Organized By</b>	<b>Date</b>
Essential Skill for Professional Development in Higher Education	International	FDP	-	Star International Foundation for Research and Education	01.07.2024 to 07.07.2024
“Emerging Trends in Plant Sciences”.	National	FDP	-	Department of Botany, Bishop Heber College (Autonomous), Tiruchirappalli.	04.03.2024 to 11.03.2024
Exploring Biotechnology: Innovative Applications and Advancements	-	FDP	-	PG and Research Department of Zoology, St. Mary’s College (Autonomous), Thoothukudi.	14.02.2024 to 16.02.2024
Virtual Faculty Development Programme on “Recent Scenario in Biological Science”	-	FDP	-	PG and Research Department of Zoology, V.O.C College, Thoothukudi.	12.02.2024 to 18.02.2024
National Seminar on “Exploring the Essence: Advances in Life Sciences”.	National	Presentation Consolation Prize	Assessment of metal accumulation potential of <i>Avicennia</i>	Department of Zoology, Sadakathullah Appa College (Autonomous),	12.02.2024

			<i>marina</i> in Thoothukudi coast.	Tirunelveli.	
National Seminar on “Navigating Consultancy, Filing patent and Designing Research Article: Insights and Strategies”	National	Seminar	-	Marian Research Forum and Internal Quality Assurance Cell (IQAC) of St. Mary’s College (Autonomous), Thoothukudi.	20.01.2024
“Preparing Teachers for Artificial Intelligence Driven Education”	International	Online FDP	-	ELTAI Thoothukudi chapter & IQAC, Annamal College of Education for women, Thoothukudi.	06.11.2023 to 10.11.2023
National seminar on Artificial Intelligence (AI) tools for Education with special reference to chat GPT, GPT 4 & LAMMA.	National	Participated	-	St. Mary’s College (Autonomous), Thoothukudi.	11.08.2023
Three-day Faculty Training Programme on “Molecular Modeling and Dynamics”	-	Participated	-	Marian STAR centre & Department of Chemistry	13.02.2023 to 15.02.2023
Faculty Training Programme on Techniques in Genome Biology		Participated	-	Marian STAR centre & PG and Research Department of Zoology	08.02.2023 to 10.02.2023
National conference on Recent progress in Bioprospecting – derived therapeutic products”	National	Presented	Heavy metal accumulation and phytoremediation potential of <i>A.marina</i> in Thoothukudi	Department of Zoology, St. Xavier’s College (Autonomous), Palayamkottai.	12.01.2023 & 13.01.2023

			coast.-		
Three-day webinar on “Advancements in Biotechnology”	International	Participated	-	Department of Biotechnology, St. Joseph’s College of Engineering”, Chennai	22.06.2020 to 24.06.2020
Online webinar on “Nanotechnology for Biomedical Applications”	National	Participated	-	Madha Engineering College, Chennai.	12.06.2020
National webinar on “Profile Management system for research visibility”	National	Participated	-	Central Library of M.V. Muthaiah Government Arts college for women Dindugul, Tamil Nadu.	11.06.2020
One day Webinar on “Biodiversity – Urgent and Existential Concerns”	National	Participated	-	PG and Research Department of Botany, St. Mary’s College (Autonomous), Thoothukudi	10.06.2020
Webinar on “A Compendium of Research Tools”	National	Participated	-	Department of PG Computer Science, St. Mary’s College (Autonomous), Thoothukudi	09.06.2020
Two day Webinar on “Toxicology studied and career prospective in Biotechnology”	National	Participated	-	Madha Engineering College, Chennai.	07.06.2020 & 08.06.2020
Two day webminar on “Mossbauer spectroscopy – Elucidation of		Participated			

International seminar on “Algal biotechnology: An Ecofriendly solution for food, fuel and health”	International	participated	-	Research centre for plant sciences, Department of Botany, Thoothukudi.	14.10.2016
National seminar on “Recent innovations and Developments in Biological science”	National	presented	Carbon sequestration potential of vegetation pockets of Thoothukudi	Sadakathullah Appa College (Autonomous), Tirunelveli,	20.10.2015
Seminar on “Ornamental Fish and culture Management”	Local	Participated	-	Department of Zoology, St. Mary’s College (Autonomous), Thoothukudi.	02.09.2015
National seminar on “Bioprospecting, Conservation and Sustainable use of Marine Resources”	National	participated	-	Research centre for Plant sciences, department of Botany, St. Mary’s college (Autonomous), Thoothukudi	13.03.2015
International conference on “Solar energy”	International	Participated	-	Department of Physics, St. Mary’s College (Autonomous), Thoothukudi.	11.02.2015
State level seminar on “Herbal Research Methodology”	State level	Participated	-	Department of Botany, St. Mary’s College (Autonomous), Thoothukudi.	08.01.2014
Two-day International Conference on “Global Convergence on a Finite Planet”	International	Participated	-	FX Engineering College, Tirunelveli.	21.02.2013 to 22.02.2013
National Seminar on “Recent advances and challenges in Biotechnology”	National	Participated	-	Department of Botany, St.Mary’s College (Autonomous), Thoothukudi.	14.02.2012 to 15.02.2012

Seminar on “Nano Sciences”	Local	Participated	-	Department of Zoology, Govindammal Aditanar College for Women, Tiruchendur.	29.08.2012
National Seminar on “Youth for Green Environment and Sustainable future”	National	Participated	-	Department of Plant Biology and Plant Biotechnology, St. Mary’s College (Autonomous), Thoothukudi.	17.09.2010 to 18.09.2010
Seminar on “Medicinal Plant Resources”	Local	Participated	-	Department of plant Biology and Plant Biotechnology, St. Mary’s College (Autonomous), Thoothukudi.	07. 01.2010 to 08.01.2010
National Seminar on “Marine Resources – Sustainable utilization and Conservation”	National	Participated	-	Department of plant biology and Plant Biotechnology	12.12.2009

### Papers Published

Paper Title	Author(s)	Journal	Year	Volume	Issue	Page No.
Spatial and Temporal differentiation of Heavy metal distribution in Mangrove sediment of Thoothukudi coast, TN	<b>Dr. P. Hermalin</b> and Dr. M. Glory	International Journal of Current Science	2022	12	4	136 - 143
Hydrochemical Characterization of	<b>Hermalin. P.,</b> George. V.,	Marian Quest	2017	6		44 - 52

Ground water sources in Thoothukudi city.	Glory. M and Rabina. K					
Assessment of heavy metal distribution of coastal water of Thoothukudi – Gulf of Mannar.	<b>Hermalin. P</b> and Glory. M	Golden Research Thoughts	2016	6	3	
Assessment of heavy metal distribution of mangrove sediment of Thoothukudi Coast, Tamil Nadu.	Glory. M and <b>Hermalin. P</b>	Ecology, Environment & Conservation	2016	22	2	711 - 717
Evaluation of carbon sequestration potential of mangrove ecosystem of Punnakayal, Tamil Nadu.	<b>Hermalin. P.</b> , Glory. M and Sujitha. M. M	Marian Quest	2015	4	1 & 2	33 - 39
Evaluation of Carbon sequestration potential of selected soil types in Thoothukudi with special reference to Mangrove soil.	Glory. M and <b>Hermalin. P</b>	Marian Quest	2013	2	1	62 - 65
Effect of Heavy metal stress on Biochemical constituents of selected Microalgae.	Glory. M and <b>Hermalin. P</b>	Marian Quest	2012	1	2	128-134

**As Resource Person**

<b>Name of the Institution</b>	<b>Invited As</b>	<b>Topic/Event</b>	<b>Date</b>
St. Mary's Boy's School, Thoothukudi	Evaluator at the District level NCSC-2022	30 <sup>th</sup> National Children's Science Congress 2022 - 2023	26.11.2022
St. Mary's College (Autonomous), Thoothukudi.	Resource Person	Training Programme on Biological Techniques to the PG students of Holy cross Home Science College, Thoothukudi.	26.09.2022 to 30.09.2022

### **Others:**

- Member of Eco club - Eco friendly campus (2022 - 2023)
- Certificate course In-Charge (2022 - 2023)
- Member of CDP (2022 to 2024)
- Member of Tutor ward (2022 - 2023) for III UG students, 2023 -2024 for I PG students
- Member of Discipline committee (2023 – 2024)
- Member of Quiz Club (2022 to till date)
- Member of Tamil cultural Team (2023 till date)

### **Programme Organized**

- Quiz club and Library committee jointly Organized an Interdepartmental quiz on Innovation and Events from 2020 till date on 6.03.2023 at 2.30 pm at star hall.

### **Programme Attended**

- NEP 2020 Orientation and Sensitization Programme under the Malaviya Mission Teacher Training Programme of the University Grants Commission, organized by the UGC – Malaviya Mission Teacher Training Centre, Bharathidasan University, Tiruchirappalli, from 01.07.2024 to 10.07.2024, and obtained grade 'A'.
- Short term course - Tamil Nadu fisheries university -fisheries college and research institute “Advanced virology in fish disease diagnosis” at dept. of fish pathology and health management, fisheries college and research institute, Thoothukudi. Held from 10.09.2014 to 19.09.2014.
- One day hands on training on Biogenic Nanoparticles” conducted by St. Joseph's College (Autonomous), Tiruchirappalli. On 15.09.2012.