



1. **Name** - **Dr.B.Thendral Hepsibha**
2. **Designation** - Assistant Professor
Department of Biochemistry
Ethiraj College for Women
3. **Qualification-** M.Sc.,M.Phil.,Ph.D., SET
4. **Experience** - Total – 20 Years 11 Months, Ethiraj College - 7 Years 6 Months
5. **Area of Specialization-** Enzymology, Herbal Medicine & Solid Waste Management
6. **Email ID-** thendralhepsibha_b@ethirajcollege.edu.in

MEMBERSHIP

S.No.	Details	State/National/International
1	-----	State (Eg)

PROJECTS

S.no.	Title	Duration	Funding agency	Amount sanctioned (in lakhs)
1.	Gunapaselam(Fermented fish waste) for Soil Amendment; its influence on the Growth and Nodulation efficacy of <i>Vignaradiata (L.) R.Wilczek</i> – A Possible Approach to	2015-16	UGC minor project	Rs.1,30,000

	Waste Management			
2	<i>In vitro</i> antioxidant analysis of extracts of <i>Artemisia pallens</i> aerial parts and insecticidal activity evaluation of α -terpineol against <i>Spodoptera litura</i> pest by <i>in silico</i> approach	2020-21	Ethiraj Centre for Research, Innovation And Creativity (ECRIC)	Rs.8000/-
3	Exploring the potential of <i>Michelia champaca</i> flower extracts against <i>Candida</i> species – An <i>in vitro</i> and <i>in silico</i> study	2021-22	Ethiraj Centre for Research, Innovation And Creativity (ECRIC) an amount of Rs.8000/-.	Rs.12,000/-

RESEARCH GUIDANCE

Ph.D Awarded	NA
Ph.D Guiding	Co-Guide - Sri Ramachandra Medical College & University
M.Phil Awarded	
M.Phil Guiding	

WORKSHOPS

S.no.	Organized by	State/National/International	Topic	Date(s)
1	PG & Research Department of Zoology & Department of Biochemistry, with Orange kit developers	Workshop	“Workshop on Basic Techniques in Biotechnology	9 – 10 January 2017.
2	Ethiraj College for Women	Workshop	“Academics and Research”	1 st February, 2017
3	Institute for Statistics and Analytical	National Level Workshop	“Research Methodology, Statistical Data Analysis and Interpretation” by using Statistical Package for Social	5 th – 7 th May 2017

	Research		Sciences (SPSS) and Analysis of Moments Structure (AMOS)	
4	Ethiraj College for Women	Workshop cum Seminar	“ Recent Advances in Biological Research Data Analysis”	1 st , 2 nd and 4 th February 2019
5	IQAC, Ethiraj College for Women	National Workshop cum Seminar	“ Learning Management System and Open Educational Resources – A Student	25 th January 2020
6	Hindusthan College of Arts and Science, Coimbatore, TamilNadu.	One Week National Online Workshop and Faculty Development Programme	“Learning Management System & E-Content Development Tools”	1st July to 8th July 2020
7	IIT-Madras, NPTEL	online workshop	Interactive Tools and Techniques for Energized and Engaged Classes	21.1.2023

CONFERENCES ATTENDED / PRESENTED PAPER

S.no	Organized by	State/National/International	Participated/Presented	Title	Date(s)
1	Zoology, PBPB & Biochemistry Department, Ethiraj College in association with AZRA	XV AZR A International Conference	Organized	"Recent advances in Life sciences"	11 th -13th February 2016

2*	Dept of Zoology in association with Dept of Biochemistry	International Conference	Presented paper titled- “Influence of fermented fish waste (Gunapaselam) on nodulation and nitrogen fixing ability in <i>Vignaradiata</i> – From waste to a value added product” Received I prize in presentation.	“Biodiversity – Strategies for Conservation and Sustainable Utilization”	1 st and 2 nd February 2018
3	Sathyabama University	National Symposium	Presented paper titled- “Influence of Fermented Fish waste (Gunapaselam) on nodulating and nitrogen fixing genes in the nodules of <i>Vignaradiata</i> (Green gram)”		20 th and 21 st June, 2018
4	Saveetha Dental College	International Conference	Role of soil microbes to restore trace elements in <i>Vigna radiata</i> (mung bean) soils - A favourable response to fermented fish waste (Gunapaselam) fertilizer - Received the award for Best Paper Presentation	Current Research and Development in Microbiology”	3 rd August, 2019
5	Gurunank College	National Conference	“Manurial potential of Fermented Fish waste (Gunapaselam) on <i>Tagetes erecta</i> (Marigold)”	“Environment and Food Sustainability”	27 th September, 2019
6	Gurunank College	International Conference	“Influence of Fermented Fish waste (Gunapaselam) on soil	“Partnership and Ownership Building for Sustainable	5 th and 6 th December 2019

7	Department of Biotechnology, Vinayaka Mission's Kirupananda Variyar Engineering College, Salem	Online National Conference	"Impact of Fermented Fish Waste (Gunapaselam) on Soil NPK Status and <i>Phaseolus Vulgaris</i> Growth" Received Best Paper Award	"Current Scenarios and Challenges Faced in Agriculture, Food and Pharmaceutical Sectors",	10th March 2021
8	Alpha Arts and Science College	Online International Multidisciplinary Conference	Chemical composition of extracts of <i>Artemisia pallens</i> aerial parts and Insecticidal activity evaluation of α -terpineol against <i>Spodoptera litura</i> pest by <i>in silico</i> approach"	Research and Innovation"	9 th and 10 th December, 2021.
9	School of Life Sciences and Association of Cancer Education and Research (ACER), B.S. Abdur Rahman Crescent Institute of Science & Technology, Chennai, India in association with Purdue University, USA	3rd International Conference	Are we drinking microplastics along with green tea? – An emerging concern"	Applications of Natural compounds, Nanomaterials, Oncolytics in Cancer Biology and Biotechnology (ICANNOCB-22)"	27th-28th October, 2022.

SEMINARS

S.no.	Organized by	State/national/international	Topic	Date(s)
1	Dept of Biochemistry, Ethiraj College for Women	National seminar	“ Health 2020 – An Alternative Perspective”	7th January 2020
2	Dept of Biochemistry, Ethiraj College for Women	National Webinar	“Patenting Inventions in India” “Patenting Inventions in India”	16th May 2020 16th May 2020

CERTIFICATE COURSES /VALUE ADDED COURSES

S.no.	Offered by	Topic	Duration
1	BIOCHEMISTRY	Advanced Biochemical techniques	1 st sept-1 st March (2016-2017)
2	BIOCHEMISTRY	HERBAL REMEDIES	13 th Aug-7 th Sept (2018-19)
3	Initiated and Guided the Project	Panchkavyam Preparation its Sales	1 year (2019-20)
4	BIOCHEMISTRY	HERBAL REMEDIES	5 th Spt-12 th Dec (2019-20)

JOURNAL PUBLICATIONS

S. NO	JOURNAL NAME	UGC /SCI/SCIE /WOS	ISBN / ISSN NUMBER	REFERENCE	DATE OF PUBLICATION/DOI
1.	International Journal of Agriculture Innovations and Research		ISSN-2319-1473.	-----	2017
2.	International Journal of Pharma and Bio Sciences	Scopus indexed (0.14).	ISSN 643-648	-----	Apr 2017
3	Indian Journal of Traditional Knowledge	Peer reviewed / Scopus/ UGC impact factor (0.920)	ISSN: 0975-1068	-----	October 2019
4	International Journal of Research in Pharmaceutical Sciences	Peer reviewed / Scopus/ UGC impact factor (0.120)	ISSN: 0975-7538	-----	2019
5	Research Journal of	Peer	ISSN: 2278-	-----	2019

	Chemistry and Environment.	reviewed/ Scopus/ UGC impact factor (0.13)	4527		
6	Research Journal of Biotechnology	Peer reviewed/ Scopus/ UGC impact factor (0.14)	ISSN: 0975-7538	-----	Jan2020
7	Research Journal of Chemistry and Environment.	Peer reviewed/ Scopus/ UGC impact factor (0.13)	ISSN: 2278-4527	-----	2021
8	Bulletin of Environment, Pharmacology and Life Sciences	Web of Science	Online ISSN 2277-180	-----	2021
9	ANVESAK	UGC Care I journal	ISSN: 0378 – 4568	—	2021
10	Indian Journal of Geo Marine Sciences	SCO PUS / 0.553 impact factor/ onlin	ISSN: (2582-6727)		2022

11	. International Journal of Mosquito Research	Web Science	of ISSN Online: 2348-5906)	2022
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FDP/STTP

S.no.	Organized by	State/National/International	Topic	Date(s)
1	IQAC, Ethiraj College for Women	Faculty Development Programme	“Quality Publications & E-learning”	19th September, 2018
2	Ethiraj Centre For Research, Innovation & Creativity (Ecri	Faculty Development Program (FDP)	on “Citation Database and Analysis, Scientometric	July 2020
3	Department of Biochemistry,	International Faculty Development Webinar	“Adapting to the Covid Era”	7th& 8th July 2020.
4	Department of Computer Applications Ethiraj College for Women	National Level Faculty level Development Programme	“Open Source Learning Platform: Moodle	24 th June 2020
5	Hindusthan College of Arts and Science, Coimbatore, TamilNadu.	One Week National Online Workshop and Faculty Development Programme “	“Learning Management System & E- Content Development Tools”	1st July to 8th July 2020
6	Department of Biochemistry, Ethiraj College For Women	Faculty Development Program	“Recent trends in Molecular Biotechnology”	3rd& 4 th June 2020.

7	Research & Development Cell in association with Internal Quality Assurance Cell (IQAC), Women's Christian College	National Level Online Faculty Development Program	"Innovation and Research Opportunities for Faculty in the New Normal"	5th June 2020.
8	Internal Quality Assurance Cell, Ethiraj College for Women	Faculty Development Programme	"Recasting from Onsite to Online Pedagogy"	20th July to 24 th July 2020
9	Sathyabama Institute of Science and Technology in Association with Indian Association and George Town University (USA)	Faculty Development Program (FDP) a six lecture	"Practical Bioinformatics On A Wet-Lab Set-Up"	11th May - 16th May, 2020
10	Department of Biochemistry, Annai Veilankanni's College for Women	Faculty Development Programme	Scientific Publications - Preparation of Manuscript"	July 14, 2021.
11	Col. Dr. Jeppiaar Research Park, Centre for Ocean Research & Department of Civil Engineering, Sathyabama Institute of Science and Technology, Chennai, Tamil Nadu	6 days virtual Faculty Development Programme (FDP)	UTILIZATION OF INDUSTRIAL BY-PRODUCTS IN DIFFERENT SECTORS FOR ENVIRONMENTAL SUSTAINABILITY (UIBES'21)	12th to 17th July 2021.

12	Centre for Postgraduate Studies, AIMST University , Malaysia on	online workshop	Molecular Docking and Virtual Screening"	September 25, 2021.
13	Organized by Col. Dr. Jeppiaar Research Park, Centre for Ocean Research & Department of Chemistry, Sathyabama Institute of Science and Technology, Chennai, Tamil Nadu	15 days online programme REFRESHER COURSE	SELECTIVE TOPICS IN ORGANIC CHEMISTRY – PHASE II	12th to 28th December, 2022.

WEBINARS [National/International]

S.no.	Organized by	State/National/International	Topic	Date(s)
1	Department of Biochemistry, Ethiraj College for Women	Webinar	“Real- Time PCR in Molecular diagnosis of Viral infections”	27 th July 2020.
2	Department of Biochemistry, Ethiraj College for Women	Webinar	“Medicinal Plants –The Potential Therapeutic sources for Human Diseases and Disorders”	9 th May 2020.
3	Department of Biochemistry, Ethiraj College for Women	National Webinar	“Patenting Inventions in India”	16 th May 2020.

4	Biochemistry students, Ethiraj College for Women	Student Webinar	Know your Immunity	11th May - 16th May, 2020
5	International Webinar	International Webinar	Career Prospects In Life Sciences	24 th and 25 th March 2021

Resource person / Chairperson

1. Served as judge for the Intercollegiate competitions on Environment Conservation conducted by Valliammal College on 6th October, 2018.
2. Delivered an awareness speech on “Health Complication of Drug Addiction” on National Science Day Celebrations on 01.03.19 at Kumari Rani MeenaMuthiah College.
3. Served as judge for the paper presentation in the National Conference on “Environment and Food Sustainability” held at Gurunanak College on 27th September, 2019.
4. Chaired the e-poster presentation session on one day National Symposium on “Recent Headway in biotechnology RHBT 2020” on 5th February 2020.
5. Delivered a Guest Lecture on “Nucleic acids – information carrying molecules of the cell” to M.Sc Biomedical Students in Dept. of Biomedical Sciences at Vellore Institute of Technology Virtually on 08.09.2020.
6. Doctoral Committee member – Biochemistry Dept. at Sathyabama University
7. Delivered a Guest Lecture on “Nucleic acids” to M.Sc Biomedical Students in Dept. of Biomedical Sciences at Vellore Institute of Technology Virtually on 23.06.2021.
8. Delivered a Guest Lecture on “Nucleic acids – Key players in central Dogma to M.Sc Biomedical Students in Dept. of Biomedical Sciences at Vellore Institute of Technology Virtually on 6.4.2022.
9. Doctoral Committee member of Ph.D student (Mr. Govindarajan) of Sathyabama University (June 2022)
10. Delivered a lecture in the Seminar on “Fundamentals of Bioinstrumentation - Technology” organized by the Department of Biotechnology, Biochemistry, Microbiology and IQAC at New Prince Shri Bhavani Arts and Science College on 27th September, 2022.