



1. **Name** – **Dr. V.Malathi**
2. **Designation** – Associate Professor
3. **Qualification**- M.Sc., M.Phil., Ph.D ,  
GATE , SLET qualified
4. **Experience** - Total teaching experience – 20 years: Research Experience – 1 year as Project Coordinator,
5. Area of Specialization- Molecular Biology
6. Email ID- [malathi\\_v@ethirajcollege.edu.in](mailto:malathi_v@ethirajcollege.edu.in)

#### MEMBERSHIP

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

#### PROJECTS

S.no.	Title	Duration	Fundi ng agenc y	Amount sanction ed( in lakhs)
1.	Mutational Screening of E-Cadherin ( CDH1) Gene in Sporadic Ductal Carcinoma of the Breast	3 years	UGC <b>F.No :4-4/2015-16( MRP/UGC- SERO)</b>	<b>2,85,000/-</b>

## RESEARCH GUIDANCE

Ph.D Awarded	NA
Ph.D Guiding	

M.Phil Awarded	
M.Phil Guiding	

## WORKSHOPS

S.no	Organized by	State/National/ International	Topic	Date(s)
1	Ethiraj College for Women	State	“ Role and responsibilities of Teacher in Institution Development”	Dec 2017
2	Ethiraj College for Women	International	Statistical analysis using SPSS and AMOS	Jan 2018
3	National Institute of Ocean technology ,Ministry of Earth Science ,Government of India.	National	Marine Biotechnology	June 2018
4	DG Vaishnav College	State	Workshop on sequence Analysis & Molecular docking,	Jan 2020
5	Ethiraj College for Women, Chennai in association with SALIS	State	Online Workshop on Working with Moodle Platform	July 2020

6	IQAC , Ethiraj College for Women	State	Workshop on Learning management system and open education resources – student centric approach	Jan 2020
7	Centre for Post Graduate studies ,AIMST University, Malaysia	International	Molecular Docking and Virtual Screening	Sep 2021
8	,Annai Veilankanni's College for Women	State	Primer Designing	July 2021
9	Human Genetics Research Centre, Sree Balaji Dental College & Hospital, Bharath Institute of Higher Education and Research (BIHER), Chennai- 600073.	National	Gene Expression Using Real-Time PCR ”	Dec 2021

#### CONFERENCES ATTENDED / PRESENTED PAPER

S.no	Organized by	State/National/ International	Participated/ Presented	Title	Date(s)
1					

	XV AZRA International Conference, recent Advances in Life sciences “ organized by Department of Biochemistry and department of Zoology , Ethiraj College for women	International	Presented	<b>“Invitro and invivo antidiabetic activity of <i>Linum usitassimum</i></b>	Feb 2016
2					
	Department of Biochemistry ,Bharathi Women’s College , Chennai for Society for Neurochemistry ( INDIA) ,Chennai chapter ( Constituent society of Asian Pacific Society for Neurochemistry)	National	Presented	<b>Role of Cadherins in Autism Spectrum Disorders -National Symposium on “ Challenges of Autism Spectrum Disorders –A platform for Autism Awareness</b>	Nov 2016
3	Meenakshi medical College hospital & Research institute ,Meenakshi Academy of Higher Education and research , Enathur ,Kanchipuram	National	Presented	<b>Biochemical and Molecular basis of Cancer ,organized by the Department of Biochemistry</b>	Oct 2019
4	Jadavpur University, In Technical association with Regional cum facilitation center, Eastern region ,NMPB, Ministry of AYUSH	International	Presented	<b><i>Invitro alpha amylase inhibitory activity and cytotoxic activity on Hep G2 cell lines of costus igneus ethanolic leaf extract.”</i></b>	Feb 2021

5	NAAC sponsored Two day International Conference on Perspectives in Teaching and Learning and Assessment during COVID -19 pandemic Organized by the Mier college of education , Jammu	International	Presented	<i>Covid era and my transition from offline teaching and learning to online and blended learning”</i>	May 2022
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### SEMINARS

S.n o.	Organized by	State/national/international	Topic	Date(s)
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1	Dept of Biochemistry, Ethiraj College for Women	National seminar	“Health2020 – 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 <sup>st</sup> sept-1 <sup>st</sup> March (2016-2017)
2	BIOCHEMISTRY	HERBAL REMEDIES	13 <sup>th</sup> Aug-7 <sup>th</sup> Sept (2018-19)
3	BIOCHEMISTRY	HERBAL REMEDIES	5 <sup>th</sup> Spt-12 <sup>th</sup> Dec (2019-20)

#### JOURNAL PUBLICATIONS

S.NO.	JOURNAL NAME	UGC /SCI/ SCIE /WOS	ISBN / ISSN NUMBER	REFERENCE	DATE OF PUBLICATION / DOI
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1.	Biochem. Cell. Arch	SCOPUS	ISSN 0972-5075 eISSN 0976-1772	<b>Sequence Changes of E Cadherin Cdh1 Gene Encoding The Trans Membrane Domain In Infiltrating Ductal Carcinoma Of The Breast</b>	DocID: <a href="https://connectjournal.com/03896.2021.21.39">https://connectjournal.com/03896.2021.21.39</a>
2.	Journal of Clinical and Diagnostic Research	Web of science	ISSN 0973-709X	<b>Differential Expression Of E-Cadherin Gene By Real Time Rt-Pcr And Exon 1 Sequence Analysis In Invasive Carcinoma Of Breast,</b>	<i>Paper Accepted, in Print</i>

### **Best Paper Award**

- **Role of Cadherins in Autism Spectrum Disorders -National Symposium on “ Challenges of Autism Spectrum Disorders –A platform for Autism Awareness”2016.**

### **Online Courses Completed / FDP**

- Completed the course *of Future Learn titled “ bacterial Genomes Diseases outbreak and Antimicrobial resistance* , welcome genome campus advanced courses and conferences , The Royal college of pathologists ,London has accredited this course for 9 credits , certificate issued on 18<sup>th</sup> May 2018
- Completed the NPTEL- AICTE , Faculty Development Programme Titled *Functional genomics with Elite Gold certification,Sep- Oct 2020*  
*Topper in this course*
- Completed the NPTEL- AICTE , Faculty Development Programme Titled *Interactomics Basics & Applications with Elite certification, Jan -Apr 2021*
- Completed the Online course on **Understanding Open Educational resources conducted by the Common Wealth of Learning** dated Feb 21 , 2022



### Resource person

Had been the resource person for the following events

- One day seminar on “**Quality Sustenance in Higher Educational Institutions**” , Organized by IQAC of Dr.MGR Janaki College 13/06/2016.
- Quiz Master for conducting the quiz competition for the “ **National seminar on the biology of aging –an overview ,veni vidi vici -2017 at JBAS college**
- Judge for Paper presentation during **the International Conference on “ Modern Diagnostics in Health Science, on 22/08/2016** organized by the department of Microbiology and Biochemistry & Clinical Trial Management of Dr.MGR Janaki College.
- Delivered guest lecture in **Workshop on Research Methodology on the topic statistics for medical research** , organised by Department of community medicine in collaboration with Medical Educational unit on Dec 2019 at Meenakshi Academy of Higher Education & Research (MAHER)
- Delivered guest lecture for M.Sc. Integrated Biotechnology students on the title “ **Lipid Metabolism in Health and Disease** ” on Jan 2021,organised by Department of Integrative Biology, School of Biosciences and Technology ,VIT , Vellore

### **FDP/STTP**

S.no.	Organized by	State/National/ International	Topic	Date(s)
1	Ethiraj Collegefor Women	Elite Silver	NPTEL – AICTE	Sep - Nov 2020
2	Dept of Biochemistry,Ethir ajCollege for Women	Faculty Development workshop	“Recastin fro gonsite to m pedagogy onli ”, ne	Jul y 2020

3	MBA Department ,Ethiraj College for Women	Online FacultyDevelopment workshop	“Working withMoodle Platform”	7 <sup>th</sup> 8 <sup>t</sup> & Jul y 202 0.
4	Department ofBiochemistry, Ethiraj College For Women	International FacultyDevelopment Webinar	“Adapting to theCovid Era”	12 <sup>th</sup> June 2020
5	Faculty Development Program	Ethiraj CollegeFor Women	“Citati on Databa se and Analysis, Scientometr icStudy”	9 <sup>th</sup> June 2020
6	Department ofBiochemistry, Ethiraj College For Women	Faculty Development Program	“Recent trends inMolecular Biotechnology”	3 <sup>rd</sup> & 4 <sup>th</sup> June 2020.
7	Ethiraj Collegefor Women	Faculty Development Program	“Statistical Analysis usingSPSS & AMOS”	21&22 June 2018

## WEBINARS [National/International]

S.no	Organized by	State/National/ International	Topic	Date(s)
1	Department of Biochemistry, Ethir aj College for Women	Webinar	“Real- Time PCR in Molecular diagnosis of Viral infections”	27 <sup>th</sup> July 2020.
2	Department of Commerce, Ethiraj College For Women	National Webinar	“Use of Elsevier Tools in Research Workflow”	5 <sup>th</sup> May 2020.
3	Department of Biochemistry, Ethir aj College for Women	Webinar	“Medicinal Plants –The Potential Therapeutic sources for Human Diseases and Disorders”	9 <sup>th</sup> May 2020.
4	Department of Biochemistry, Ethir aj College for Women	National Webinar	“Patenting Inventions in India”	16 <sup>th</sup> May 2020.

5	MBA Department, Ethiraj College For Women	Webinar	“Open Educational Resources”	11 <sup>th</sup> July 2020.
6	Department of Biochemistry, Ethiraj College For Women	Webinar	“ R o l e o f Forensic science a n d D N A fingerprinting in Criminal investigation”	1 <sup>st</sup> August 2020.

## REVIEWER

- Research Journal of Pharmacology & pharmaceutical sciences