



**Name** : **Dr.(Mrs). Vidhya C.V.**  
**Designation** : Associate Professor  
**Qualification** : M.Sc., M.Phil., Ph.D., SET  
**Teaching Experience** : 15 years UG : 15 years PG : 15 years  
**Previous Experience** : 1 year UG : 1 year PG : 1 year  
**Area of Specialization** : Medical Microbiology, Immunology, Molecular Biology  
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### MEMBERSHIP

Life Member in the Indian Association of Applied Microbiology. Membership No:459

### MANAGEMENT FUNDED PROJECT:

S.No	Name of the Principal/Co Investigator	Title of the Project	Funding Agency	Fund Amount	Status
1.	Mrs.M.Linnett Naveena & Dr. Vidhya C.V.	Phytoremediation of Mine Spoil using heavy metal resistant Rhizobacteria. 2017.	Ethiraj College Trust	Rs.10000/-	Completed and Published

### NO OF PG PROJECTS GUIDED: 21

### WORKSHOPS

S.No.	Organized by	State/ National/ International	Title	Date(s)
1.	Ethiraj College for women, Chennai.	State	State level workshop for placement coordinators.	March, 2007.

2.	Ethiraj College for women, Chennai.	State	Career and counseling –Young youth.	April 2010.
3.	Centre for Bioinformatics, Pondicherry University.	National	National seminar cum workshop on Drug discovery and translational research.	February 2013.
4.	Ethiraj College for Women, Chennai.	State	One day workshop on Scientific Approach to SPSS in Research.	21 <sup>st</sup> February, 2014.
5.	Ethiraj College for Women, Chennai.	State	Tips & Tricks to clear the NET	28 <sup>th</sup> February, 2015
6.	Ethiraj College for Women, Chennai.	State	UGC funded Workshop - Enrichment of teachers	23 <sup>rd</sup> September 2016.
7.	Ethiraj College for Women, Chennai.	State	Workshop on Academics and Research.	1 <sup>st</sup> February 2017.
8.	Sathyabama University, Chennai.	State	Workshop on Lab animal handling and Research.	15 <sup>th</sup> September 2017.
9.	Ethiraj College for Women, Chennai.	State	Workshop on Role and Responsibility of Teachers in Institution development.	18 <sup>th</sup> , December, 2017.
10.	University of Hyderabad. Telangana.	National	ISME- AMI Preconference Workshop on hands on to computational Biology for meta genomic analysis. 59 <sup>th</sup> Annual conference of Association of Microbiologists of India (AMI 2018)	9 <sup>th</sup> December 2018.

### FACULTY DEVELOPMENT PROGRAM

S.No.	Organized by	State/ National/ International	Title	Date(s)
1.	Dean of Research, Ethiraj College for Women, Chennai.	State	Faculty development workshop on Research Insights, Publication and Proposal Strategies	15/07/2019
2.	Ethiraj Centre for Research, Innovation and Creativity, Ethiraj College for Women,	State	Faculty Development Workshop on Research, Innovation and Creativity.	14/09/2019

	Chennai.			
3.	Stella Maris College, Chennai.	State	State level technical workshop on Intellectual Property Rights.	11/11/2019 & 12/11/2019
4.	Teaching Learning Centre, Ramanujan College, University of Delhi, Sponsored by Ministry of Human Resources Development, Pandit Madan Mohan Malaviya, National mission on Teachers and Teaching.	National	Online Faculty Development Program on Managing Online Classes and Co-creating MOOCs Workshop on Intellectual Property Rights and their Implications	20.04.20 to 06.05.20
5	Sathyabama Institute of Science and Technology in Association with Indian Association of Applied Microbiologists (IAAM) & California Institute of Science and Medicine, USA.	National	Online Faculty Development Program on Novel Microbes and Newer Threats	20.04.20 to 02.05.20
6.	Ethiraj Centre for Research, Innovation and Creativity, Ethiraj College for Women, Chennai.	State	Faculty Development Programme on “Citation Database and Analysis, Scientometric Study	09/06/2020
7.	Department of Pharmacognosy and Pharmaceutical analysis, Shri Vishnu College, Vishakapatnam.	National	One week International online Faculty Development Programme on Innovation in Natural product driven drug discovery and analytical chemistry.	06/07/2020 to 11/07/2020
8.	Internal Quality Assurance	State	Faculty Development Programme on “Recasting	20/07/2020 to

	Cell. Ethiraj College for Women, Chennai.		from onsite to online Pedagogy	24/07/2020
9.	School of Sciences, PG & Research Department of Microbiology, Hindustan College of Arts & Science, Chennai, in Association with Antiviral Research Society (AVRS) & Intrinsic Herbals Laboratory, Rajapalayam.	National	Short Term Training Programme On Herbal Drug Standardization.	13/10/2020 to 17/10/2020
10.	RUSA 2.0- Entrepreneurship and Career Hub, University of Madras, Chennai.	National	Drug Discovery- A Road to startUp	07.03.2022 to 11.03.2022.

## CONFERENCES

S.No.	Organized by	State/ National/ International	Title	Date(s)
1.	Presidency College, Chennai.	National	Indian Association of Applied Microbiologists (IAAM).	December 2002.
2.	Ethiraj College for women, Chennai	National	National conference on 180 days 360 knowledge management in higher education quality enhancement processes and strategies.	February 2008.
3.	Womens' Christian College, Chennai.	International	International conference on Frontiers in pharmaceutical chemistry and biologics.	July 2011.
4.	Womens' Christian College, Chennai.	National	National conference on Nanobiotechnology.	August 2011.
5	IQAC, Ethiraj College for Women, Chennai.	National	National Symposium on "Effective Governance and Brand Building in Higher Educational Institutions".	24 <sup>th</sup> & 25 <sup>th</sup> February, 2014.

6.	Ethiraj College for Women, Chennai.	State	One day Symposium on project proposals and guidelines for Sciences.	12 <sup>th</sup> August, 2014.
7.	IQAC, Ethiraj College for Women, Chennai.	National	National Symposium on “Potential for Excellence to Excellence in Higher Educational Institutions”.	18 <sup>th</sup> & 19 <sup>th</sup> July, 2016.
8.	Meenakshi Academy Of Higher Education and Research Chennai	National	National online Symposium on Awareness on CoVID 19 Pandemic	03/07/ 2021
9.	Department of Microbiology in Association with Institution Innovation Council and Entrepreneurship Development Cell, Madras Christian College, Chennai.	International	Webinar on Industrial Innovations and Entrepreneurship opportunities in Algal Biotechnology.	26 /07/2021 to 28/07/2021

### PAPERS PRESENTED

S.No.	Organized by	State/ National/ International	Paper Title	Title	Date(s)
1.	Bharathiar University.	International	Production and optimization of extracellular protease from <i>Ganoderma sp.</i>	International symposium on Environmental risk assessment	October 2011.
2.	D G Vaishnav College, Chennai.	International	Comparative study on antibiograms of coagulase positive and negative <i>Staphylococci.</i>	International conference on Biosciences - Trends in molecular Medicine.	February 2012.

3.	Madras Christian College, Chennai.	National	Antibacterial activity of Neem leaf extracts and oil against various pathogens.	National conference on Microbiology and Biotechnology: Rising to the Challenges of Times.	February 2013.
4.	Ethiraj College for Women, Chennai.	International	Molecular Profiling of Coa and Mec A genes from Multidrug resistant <i>Staphylococcus aureus</i> .	XV AZRA International Conference on Recent Advances in Life sciences.	February 2016.
5	University of Hyderabad. Telangana.	National	Optimization of parameters for rapid production of extra-cellular protease by <i>Ganoderma sp.</i>	59 <sup>th</sup> Annual conference of Association of Microbiologists of India (AMI 2018) & National symposium on host pathogen interactions.	9 <sup>th</sup> -12 <sup>th</sup> December, 2018.

### SEMINARS

S.No.	Organized by	State/ National/ International	Title	Date(s)
1.	Ethiraj College for women, Chennai.		National convention on contemporary issues in higher education.	February 2007.
2.	Ethiraj College for women, Chennai.		National seminar on Frontiers in biological sciences.	December 2008.
3.	Department of Biochemistry, D.G.Vaishnav College, Chennai.		National Seminar on Lifestyle Diseases – Causes & Prevention.	22 <sup>nd</sup> January, 2014.
4.	Ethiraj College for Women, Chennai		One day seminar on “Methods and Means to develop research in colleges	4 <sup>th</sup> August , 2015.
5	Ethiraj College for Women, Chennai		One day seminar on Quality publications and e-Learning	19 <sup>th</sup> September, 2018.

## NPTEL COURSE

Refresher Course on Teacher and Teaching in Higher Education through SWAYAM ARPIT Online Course Certification Examination. School of Education, Savitri Bai Phule Pune University, Pune. 16/02/2020

## PAPERS PUBLISHED

S.No	Name of the Author/s	Title of the Paper	Journal Name and details
1.	Vidhya C.V. and Niren Andrew S.	Prevalence and antibiogram of multidrug resistant <i>Staphylococci</i> .”	<i>Indian Journal of Applied and Pure Biology</i> . July 2012. Vol. 27 : (2),p 271-277.
2.	Vidhya C.V. and Niren Andrew S.	Comparative study on antibiograms of coagulase positive and negative <i>Staphylococci</i> isolated from various samples.	<i>Journal of Pure and Applied Microbiology</i> . September 2012. Vol. 6 : (3). p 1357-1361.
3.	Vidhya C.V. and R.Aasha	Isolation, optimization and production of Polyhydroxyalkanoates (PHA) from soil bacteria.	<i>Global Journal of bioscience and Biotechnology</i> . February, 2018. Vol 7(4).
4.	Vidhya C.V.	Production and Optimization of Extra-cellular protease from <i>Ganoderma</i> .	<i>Research J. Pharm. and Tech</i> . April 2019. 12(4).
5.	Vidhya C.V. and M.Linnett Naveena	Assessing the potential of Rhizobacteria in mine spoil remediation.	<i>Global Journal of bioscience and Biotechnology</i> . April, 2019. Vol 8(2). 241-245.

- **Publication** Paper presented Abstract : “Comparative study on antibiograms of coagulase positive and negative *Staphylococci* isolated from various samples.” *American Journal of Bio-pharmacology Biochemistry and Life Sciences*. March 2012. Vol. 1: (Suppl 1): A66

### BOOK CHAPTER PUBLISHED

Dr. Vidhya C. V. (2022). Chapter 18. Microalgae – the ideal source of biofuel. *Biofuel and Bioenergy – Opportunities and Challenges*. Pg No : 389-404. Elsevier Publications .ISBN : 978-0-323-85269-2.

### WEBINARS

S.No.	Organized by	State/ National/ International	Title	Date(s)
1.	Atal Incubation Centre,Pondicherry Engineering College Foundation,Puducherry	National	How to conduct online class to students” and online examination,	08/04/2020
2.	Bhagwan Mahavir University, Gujarat.	National	Two-Day Webinar on Effective research paper writing skills.	13/04/2020 to 16/04/2020
3.	Department of Biochemistry. St. Francis College for Women, Begumpet, Hyderabad.	National	Human Coronavirus: Host Pathogen Interaction and Prevention.	30/04/2020
4.	Manipal University, Jaipur.	International	International Online Conference on CoViD 19 - Biotechnology - A way forward-	30/04/2020
5.	Department of Visual Communication, Women’s Christian College, Chennai,	National	National Webinar on Covid Communication and Consumption Narratives : A Discourse Analysis.	11/06/2020
6.	PG Department Of Microbiology, New Prince Shri Bhavani Arts and Science College, Chennai.	National	National Webinar on Oral Hygiene and Dental care During COVID19.	17/07/2020
7.	Department of Microbiology, Madras Christian College, Chennai	National	Two-Day Webinar on “An Insight into Commercial Applications of Microorganisms in the Current Era”.	24/07/2020- 25/07/2020



8.	Department of Biochemistry, Ethiraj College for Women, Chennai.	National	Real-time PCR In Molecular Diagnosis Of Viral Infections	27/07/2020
9.	Department of Microbiology, Saveetha Dental College, Chennai.	National	Ending the HIV/AIDS Epidemic - Resilience and Impact	01-12-2020

**GENBANK ACCESSION NUMBERS : 10**

**GenBank Accession Numbers of Coa and Mec A genes from multidrug resistant *Staphylococcus aureus*.**

**December 2014.**

BankIt1781580Seq1 KP255447  
BankIt1781580Seq2 KP255448  
BankIt1781580Seq3 KP255449  
BankIt1781580Seq4 KP255450  
BankIt1781580Seq5 KP255451  
BankIt1781580Seq6 KP255452  
BankIt1781580Seq7 KP255453  
BankIt1781580Seq8 KP255454  
BankIt1781580Seq9 KP255455  
BankIt1781580Seq10 KP255456

