

Faculty profile:



Name : Dr. Mary Sheela J  
Qualification: M.Sc,M.Phil,Ph.D,  
Designation : Assistant Professor  
Years of Experience: UG:14 PG:14  
Previous Experience: UG:1 PG:  
Area of Specilization:  
Virology,Bioinformatics,  
Immunology  
Email-ID : [marysheela\\_j@ethirajcollege.edu.in](mailto:marysheela_j@ethirajcollege.edu.in)

**MEMBERSHIP**

S.No	Details	State/National/ International
1	Member of Indian Association of Applied Microbiology (Mem No: 457)	STATE

**PROJECTS**

S.no.	Title	Duration	Funding agency	Amount sanctioned ( in lakhs)

**RESEARCH GUIDANCE**

Ph.D Awarded	
Ph.D Guiding	
M.Phil Awarded	
M.Phil Guiding	

## WORKSHOPS

S.no.	Organized by	State/National/International	Topic	Date(s)
1	Internal Quality Assurance Cell, Ethiraj College for women.	National	Potential for Excellence to Excellence in Higher Educational Institutions	18.7.2016 & 19.7. 2016
2	State council of Educational research and training conducted at Dhanalakshmi Engineering college, Kancheepuram district	State	Workshop on Tamilnadu Syllabus Drafting workshop	11.10.2017 to 13.10.2017.
3	State council of Educational research and training conducted at ASHA NIVAS	State	Textbook writing workshop for class XI	13.11.2017 to 15.11.2017
4	Workshop conducted at Department of Microbiology, Ethiraj College for Women	International	Operons and Vaccines	4.12.2017.
5	Participated in State council of Educational research and training conducted at ASHA NIVAS	State	“Microbiology Textbook writing workshop for class XI”	04.12.2017 to 09.12.2017 .
6	Workshop conducted at Department of Microbiology, Ethiraj College for Women	State	Microbiological Techniques for school students”	30.8.2018 & 31.8.2018
7	Workshop cum seminar conducted at Department of Microbiology, Ethiraj College for Women.	National	Recent Advances in Biological Research Data Analysis .	1.2.2019 2.2.2019 and 4.2.2019
8	AICTE Sponsored short term training program	National	prospects and Challenges in Biofuels and Bioenergy (STTP-PCBB 2019)	11.11.2019 to 16.11.2019
9	Workshop conducted at Department of Microbiology, Ethiraj College for Women.	State	Intellectual Property Rights and their Implications	22 <sup>nd</sup> January 2020.
10	Workshop conducted at Ethiraj College for Women	State	“Intellectual Property Rights and their Implications”	22.01.2020
11	Internal Quality Assurance Cell, Ethiraj college for Women.	National	Learning Management system and Open Education Resources: A Student-Centric Approach	25 <sup>th</sup> January 2020

## CONFERENCES ATTENDED / PRESENTED PAPER

S.no.	Organized by	State/National/International	Participated/ Presented	Title	Date(s)
1	Madurai Kamaraj University	State (46 <sup>th</sup> Aqua-terra Annual Conference)	Presented	Formulation of natural hair dye using herbal extract and squid ink possessing antimicrobial activity.	27/02/2015
2	Ethiraj College for Women	National Conference	Participated	Trends and Innovations in Biological Sciences.	14-15 <sup>th</sup> February, 2018
3	Presidency College	International conference	Participated	Computational simulation in natural sciences (SIMSCI 2018).	4 <sup>th</sup> to 6 <sup>th</sup> April, 2018

*\*Best paper award kindly do put*

*asterisk API format to be followed*

## SEMINARS,

S.no.	Organized by	State/national/international	Topic	Date(s)
1	Ethiraj college for Women	National	“Career prospects in Life Sciences”	31 <sup>st</sup> January, 2017
2	Ethiraj college for Women	One-day guest lecture	Gut-Microbiome	October, 2017
3	Ethiraj college for Women	National seminar	Health 2020-An alternative Perspective	8 on 7 <sup>th</sup> January , 2020

## CERTIFICATE COURSES /VALUE ADDED COURSES

S.no.	Offered by	Topic	Duration
1	Swayam	Refresher course on Teacher and Teaching in Higher Education	20Weeks (01/09/19-15/01/20)

## JOURNAL PUBLICATIONS

S.no.	JOURNAL NAME	UGC /SCI/SCIE/	ISBN /ISSN	REFERENCE	DATE OF PUBLICA
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		WOS	NUMBER		TION/D OI
1.	International journal of current Research(Formulation and evaluation of gel using ink gland extract from Indian squid <i>Loligo duvauceli</i> ).	Crossref, Google Scholar	ISSN-0975-833X	Volume 8,issue 10,pp-39607-39610.	October 2016
2.	Indian journal of applied Microbiology. (Antifungal activity of cell extract of spirulina platensis against aflatoxin producing <i>Aspergillus species</i> ).	REF CROSS,ICV20 19:96,NAAS SCORE 5.38(2020)	ISSN: 2319-7706 (2015)	Volume 4, PP-1025-1029	Nov2015
3.	Asian Journal of Research in Pharmaceutical Sciences. (Characterization and Insilico Analysis of Cassia auriculata against Multi drug Resistant Klebsiella pneumoniae Isolated from Inanimate Origin).	Google Scholar,Indian Citation Index,PSOAR	ISSN 2231-5640 (Print) 2231-5659 (Online)	Vol. 11  Issue-03	July-September 2021 .
4	InternationalJournal of Scientific Research (Biodegradation of Laboratory Dyes using bacterial monocultures and their Consortium).	Google Scholar,DJOF,I ndian Citation Index	PRINT ISSN No. 2277 - 8179	Volume - 10   Issue - 04	April - 2021 DOI 10.36106/ijsr
5	Nature,Environment and Pollution Technology.( Amylase production by <i>Aspergillus niger</i> and <i>Penicillium</i> species by solid-state and submerged cultivation using two food industrial wastes).	UGC CARE II,SCOPUS	ISSN 0972-6268(PRINT); ISSN 2395-3454(ONLINE)	Vol. 20 pp. 1127-1135	September ,2021

## FDP/STTP

S.no.	Organized by	State/National/International	Topic	Date(s)
1	Sathyabama Institute of Science and Technology in Association with IAAM and California Institute of Science and Medicine,USA	International	Novel Microbes and Newer Threats	20 <sup>th</sup> April to 2 <sup>nd</sup> May 2020

2	Two weeks online Faculty Development Programme on	National	Managing online classes and Co-Creating MOOCS	April 20 to May 06,2020.
3	Shasun Knowledge Centre	State	Two Days Faculty Development Programme on “Statistical Application using SPSS	16 <sup>th</sup> and 17 <sup>th</sup> May 2020
4	Ethiraj centre for Research, Innovation& Creativity(ECRIC)	National	Citation Database and Analysis, Scientometric Study	9 <sup>th</sup> June 2020
5	Internal Quality Assurance Cell	State	Recasting from onsite to online Pedagogy	20.07.2020 to 24.07.2020

### WEBINARS [National/International]

S.no	Organized by	State/National/International	Topic	Date(s)
1	Webinar series organized by Sathyabama Institute of Science and Technology in Association with Indian Association of Applied Microbiology (IAAM) and California Institute of Science, USA	International	Novel Microbes and Newer Threats	20th April to 2nd May 2020.
2	Webinar Series (Three days) organised by Department of Microbiology, Ethiraj College for Women.		Exploring and Understanding World Pandemics	11.05.2020-13.05.2020
3	Webinar-Modern Analytical Technologies for Public Health Analysis”conducted by Department of Chemistry, Ethiraj College for Women	National	Modern Analytical Technologies for Public Health Analysis”	15th May 2020.
4	Webinar-Patenting Inventions in India” organized by department of chemistry, Ethiraj college for Women	National	Patenting Inventions in India”	16.05.2020.
5	Webinar Series (Three days) organised by Department of Microbiology, Ethiraj College for Women.	National	Recent trends in Biotechnology and its Opportunities	16.05.2020
6	E Quiz on Basics of Life Sciences” conducted by the Department of Life Science, Valliammal college	State	Basics of Life Sciences”	22.05.2020.
7	One day Webinar for Higher Secondary students organised by Department of Microbiology, Ethiraj College for	State	Biology Degrees and Careers at a Glance	23.05.2020

	Women.			
8	Webinar Series (Five Days) organised by Department of Microbiology, Ethiraj College for Women.	National	Alternative Therapy – A way of Living	25.05.2020-29.05.2020
9	Biotechnology on line Quiz programme organised by Karpagam Academy of Higher Education on	National	Biotechnology	05.07.2020.
10	Webinar-The Trinity of COVID -19: Immunity, Implications and Interventions” between	International	The Trinity of COVID -19: Immunity, Implications and Interventions”	4 to 6 th June 2020
11	Webinar-COVID-19 Awareness Quiz” organized by Ranveer Rananjay PG College Amethi(UP)on	National	COVID-19 Awareness Quiz”	13.07.2020
12	E Quiz on Clinical Microbiology” organized by Justice Basheer Ahmed Sayeed College for Women	National	Clinical Microbiology”	17.07.2020.
13	Webinar-organised by Department of Microbiology, Madras Christian College	National	An insight into commercial applications of microorganisms in the current era”	24th and 25th July 2020.
14	Webinar-conducted by Department of Chemistry ,Ethiraj College for Women	National	Real time PCR in Molecular Diagnosis of viral infections	27th July 2020.
15	webinar organised by Department of Microbiology, Ethiraj College for Women.		“How to Read Scientific Literature?”	19-12-2020
16	Webinar-conducted by MANAV Human Atlas Initiative, Pune.	National	Artificial Intelligence for Medicine & Public Health"	18 March 2021
17	Virtual conference organised by Centre for Drug Discovery and Development, Sathyabama Institute of Science and Technology.	National	Microbes and Polar Environment	25 <sup>th</sup> to 28 <sup>th</sup> August
18	webinar organised by Department of Microbiology, Ethiraj College for Women.	State	Career Scape	4-10-2021
19	Department of Microbiology, School of Life sciences, VISTAS, Pallavaram	National	Genomics -changing the landscape diagnostics	30 <sup>th</sup> November 2021

AWAR  
DS:

- Authored one chapter "Environmental Microbiology" in Microbiology Text Book (Std 11) for State Council For Education and Research Training (SCERT) for Govt. of Tamil Nadu(2018).

OTHER

S:

- Expert member in the Doctoral committee for the Department of Bioinformatics in the faculty of life Sciences, **Sathyabama institute of Science and Technology**, 2020 (Ref : Sathyabama/Ph.D/July 2020 Date: 28th July, 2020 )