

Faculty profile:



Name : Dr. Mary Sheela J

Qualification:

M.Sc,M.Phil,Ph.D,

Designation : Assistant Professor

Years of Experience: UG:15 PG:15

Area of Specilization:

Virology,Bioinformatics,
Immunology.

Email-ID : marysheela_j@ethirajcollege.edu.in

CREDENTIAL:

- Authored one chapter "Environmental Microbiology" in **Microbiology Text Book (Std 11)** for State Council For Education and Research Training (SCERT) for **Government of Tamil Nadu(2018)**.
- 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, (Ref : Sathyabama/Ph.D/July 2022 Date: 29th April, 2022)

MEMBERSHIP

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

JOURNAL PUBLICATIONS

S.No.	JOURNAL NAME	UGC /SCI/SCIE/ WOS	ISBN /ISSN NUMBER	REFERE NCE	DATE OF PUBLICA 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,ICV2019:96,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	International Journal of Scientific Research (Biodegradation of Laboratory Dyes using bacterial monocultures and their Consortium).	Google Scholar, DJOF, Indian 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 Aspergillus niger and Penicillium 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
6	Indian Journal of Environment Protection (Construction of a Medium for Pseudomonas fluorescens from Local Resource and its Trial Application as a Biopreservative	UGC CARE II, SJR 2021 0.137 SNIP 2021	(ISSN: 0253-7141) SCOPUS CiteScore 2021	issue (Vol. 42 No. 11 pp 1292-1298)	November 2022

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	State	Textbook writing workshop for class XI	13.11.2017 to

	conducted at ASHA NIVAS			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 nd 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 th January 2020
12	Ethiraj college for Women	National seminar	Health 2020-An alternative Perspective	8 on 7th January , 2020
13	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.
14	Webinar Series (Three days) organised by Department of Microbiology, Ethiraj College for Women.		Exploring and Understanding World Pandemics	11.05.2020-13.05.2020

15	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.
16	Webinar-Patenting Inventions in India” organized by department of chemistry, Ethiraj college for Women	National	Patenting Inventions in India”	16.05.2020.
17	Webinar Series (Three days) organised by Department of Microbiology, Ethiraj College for Women.	National	Recent trends in Biotechnology and its Opportunities	16.05.2020
18	E Quiz on Basics of Life Sciences” conducted by the Department of Life Science, Valliammal college	State	Basics of Life Sciences”	22.05.2020.
19	One day Webinar for Higher Secondary students organised by Department of Microbiology, Ethiraj College for Women.	State	Biology Degrees and Careers at a Glance	23.05.2020
20	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
21	Biotechnology on line Quiz programme organised by Karpagam Academy of Higher Education on	National	Biotechnology	05.07.2020.
22	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
23	Webinar-COVID-19 Awareness Quiz” organized by Ranveer Rananjay PG College Amethi(UP)on	National	COVID-19 Awareness Quiz”	13.07.2020
24	E Quiz on Clinical Microbiology” organized by Justice Basheer Ahmed Sayeed College for Women	National	Clinical Microbiology”	17.07.2020.
25	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.
26	Webinar-conducted by Department of Chemistry, Ethiraj College for Women	National	Real time PCR in Molecular Diagnosis of viral infections	27th July 2020.
27	webinar organised by Department of	National	“How to Read Scientific Literature?”	19-12-2020

	Microbiology, Ethiraj College for Women.			
28	Webinar-conducted by MANAV Human Atlas Initiative, Pune.	National	Artificial Intelligence for Medicine & Public Health"	18 March 2021
29	Virtual conference organised by Centre for Drug Discovery and Development, Sathyabama Institute of Science and Technology.	National	Microbes and Polar Environment	25th to 28th August
30	webinar organised by Department of Microbiology, Ethiraj College for Women.	State	Career Scape	10-04-2021
31	Department of Microbiology, School of Life sciences, VISTAS, Pallavaram	State	Genomics -changing the landscape diagnostics	30th November 2021

CONFERENCES ATTENDED / PRESENTED PAPER

S.no.	Organized by	State/National/International	Participated/ Presented	Title	Date(s)
1	Madurai Kamaraj University	State (46 th Aquaterra 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 th February, 2018
3	Presidency College	International conference	Participated	Computational simulation in natural sciences (SIMSCI 2018).	4 th to 6 th April, 2018
4	Ethiraj College for Women, Chennai	National		Natural Resource Management for sustainable future	26-04-2022 to 27-04-2022
5	Ethiraj College for Women and MBSI Chennai	National		Integrative Approach for Conservation of Life Systems	05-01-23 to 06-01-23

SEMINARS,

S.No	Organized by	State/national/ international	Topic	Date(s)
1	Ethiraj college for Women	National	“Career prospects in Life Sciences”	31 st 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 th 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)
2	“Scheme of financial assistance for setting up of Electronics and ICT Academics” of the Ministry of Electronics and Information Technology, Government of India. Programme recognised by AICTU/UGC.	Two weeks online course (40 Hours) online course on “Directions and Dimensions of Accreditation Criteria in the light of NEP for HEI s” organized by the Electronics and ICT Academy at PDPM IIITDM Jabalpur on 3.02.2022 under the	Two weeks online course (40 Hours) online course

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 th April to 2 nd 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	16 th and 17 th May 2020

			SPSS	
4	Ethiraj centre for Research, Innovation & Creativity (ECRIC)	National	Citation Database and Analysis, Scientometric Study	9 th June 2020
5	Internal Quality Assurance Cell	State	Recasting from onsite to online Pedagogy	20.07.2020 to 24.07.2020
6	organized by RUSA 2.0-Entrepreneurship and Career Hub, University of Madras, Chennai.	State	Drug Discovery- A Road to start Up	07.03.2022 to 11.03.2022.
7	Department of Corporate Secretaryship, Information Systems Management and Business Administration, Chennai, JBAS, India. In Association with Tamil Nadu Advanced Technical Training Institute, Chennai, India.	International	Professional Progression in Commerce and Management	14th to 20th December, 2022.

WEBINARS [National/International]

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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.
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19	Department of Microbiology, School of Life sciences, VISTAS, Pallavaram	National	Genomics -changing the landscape diagnostics	30 th November 2021

Resource Person

- Served as Resource Person and chief guest in the Biological Science Association in Meston college of Education , Chennai on 08.06.2022.