

1. Faculty profile:



Name: Dr. M. Reena
Qualification: M.Sc., Ph.D
Designation: Assistant Professor
Years of Experience:
UG: 11 Years 5Months
PG:11Years5Months
Previous Experience:
UG: 6 Years PG:5Years
Area of Specialization: Immunology,
General Microbiology and Medical Microbiology
Email-ID: reena_m@ethirajcollege.edu.in

MEMBERSHIP

S.No.	Details	State/National/International
1.	Life Member of Indian Association of Applied Microbiologists. (IAAM). (L.M. – 21)	National
2.	Life Member of Biotech Research Society of India. (BRSI). (L.M. – 172)	National
3.	Life Member of Association of Microbiologists of India. (AMI). (L.M. – 4822)	National
4.	Member of American Society for Microbiology (ASM) (Member ID: 200096598)	International

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.	Dr.M.G.R. – Janaki College of Arts & Science for Women, Chennai.	International	“Advanced Immunology and Proteomics Techniques” (WADIMMPROTE)	29.08.2016 to 02.09.2016
2.	Dean of Academics and Dean of Research, Ethiraj College for Women, Chennai.	National	Academics and Research 2017	01.02.2017
3.	Institute for Statistics and Analytical Research, Chennai.	National	Research Methodology, Statistical Data Analysis and Interpretation	05.05.2017 to 07.05.2017
4.	Department of Plant Biology and Plant Biotechnology, Ethiraj College for Women, Chennai.	National	“Phytochemical Techniques”	27.11.2017
5.	Department of Microbiology, Ethiraj College for Women, Chennai.	International	“Operons and Vaccines”.	04.12.2017
6.	Dean of Academics and Dean of Research, Ethiraj College for Women, Chennai	National	“Role and Responsibilities of Teachers in Institution Development”	18.12.2017
7.	Department of Microbiology, Ethiraj College for Women, Egmore, Chennai.	State	“Microbiological Techniques for School Students”	30.08.2018 & 31.08.2018
8.	CSIR – Central Leather Research Institute & Ministry of Environment, Forest and Climate Change conducted at CSIR – CLRI, Adyar, Chennai.	National	Molecular Microbial Systematics	06.03.2019 to 08.03.2019
9.	Faculty Development Workshop on conducted by Ethiraj College for Women, Chennai.	National	“Research Insights, Publication and Proposal Strategies”	15 th July 2019

CONFERENCES ATTENDED / PRESENTED PAPER

S.No.	Organized by	State/National /International	Participated/Presented	Title	Date(s)
1.	Dr.M.G.R. - Janaki College of Arts and Science for Women, Chennai.	International	Participated and served as Judge for paper presentation	“Molecular Signature - Gen Nxt”	13.09.2017 & 14.09.2017
2.	Department of Microbiology, Ethiraj College for Women, Chennai	National	Member of the Organising Committee	“Trends and Innovations in Biological Sciences”	14.02.2018 & 15.02.2018
3.	SRIHER, Porur, Chennai	International	Participated and presented (e- poster) of the research abstract in the International Science Symposium on HIV and Infectious diseases.	Drug Resistance Profile of Gram Negative and Related Exotic Bacterial Isolates from an Urban hospital in Chennai, India.	12 to 14, October 2019.

**Best paper award kindly do put asterisk*

API format to be followed

SEMINARS

S.No.	Organized by	State/National/International	Topic	Date(s)
1	IQAC, Ethiraj College for Women, Chennai	National	“From Potential for Excellence to Excellence in Higher Educational Institutions”	18.07.2016 & 19.07.2016
2.	IQAC & Department of Life Sciences, Valliammal College for Women, Chennai	National	Biopharms 2k16 on Natural Products – Drug discovery and Development, Current status and Future prospects.	07.01.2017
3.	Department of Microbiology, Ethiraj College for Women, Chennai	National	“Career Prospects in Life Sciences”	31.01.2017
4.	IQAC, Dr. M.G.R. - Janaki College of Arts and Science for Women, Chennai	National	“Gurukulam to Cyberspace - Optimizing Teaching Learning Space”.	19.06.2018

CERTIFICATE COURSES /VALUE ADDED COURSES

S.no.	Offered by	Topic	Duration
1.	Swayam ARPIT	Refresher course on teacher and teaching in higher education.	Sep 2019 to Jan 2020.
2.	Moodle 3.11 Basics	Online Course on Learn Moodle 3.11 Basics	7 th June 2021 to 1 st July 2021.
3.	A nature Masterclasses online course	“Focus on Peer Review”.	3 rd July 2021.

JOURNAL PUBLICATIONS

S.NO.	JOURNAL NAME	UGC /SCI/SCIE/ WOS	ISBN / ISSN NUMBER	REFERENCE	DATE OF PUBLICATION/ DOI
1.	Indian Journal of Applied Microbiology.	UGC	ISSN: 2249-8420	Reena M. Antimicrobial activity of <i>Tridax procumbens</i> against multidrug resistant <i>Pseudomonas aeruginosa</i> isolated from burn cases. Indian Journal of Applied Microbiology. 2016; 19 (1): 58 – 65	2016
2.	International Journal of Current Microbiology and Applied Sciences.	NAAS		Thameem Fathima A, Reena M. Anticancer and Antibacterial activity of <i>Ganoderma lucidum</i> . International Journal of Current Microbiology and Applied Sciences. 2016;5(10):891-909.	2016 http://dx.doi.org/10.20546/ijcmas.2016.510.097
3.	Indian Journal of Applied Microbiology.	UGC	ISSN: 2249-8420	Reena M, Vadivukkarasi D. Prevalence of <i>Streptococcus mutans</i> in public and private pre-school children. Indian Journal of Applied Microbiology. 2016; 19 (2) : 52 – 57.	2016
4.	International Journal of Current Microbiology and Applied Sciences.	NAAS	ISSN: 2319-7706	Reena M, Athira S. Menon. Synthesis of silver nano particles from different citrus fruit peel extracts and a comparative analysis on its antibacterial activity. International Journal of Current Microbiology and Applied Sciences. 2017; 6 (7): 2358 – 2365.	2017 https://doi.org/10.20546/ijcmas.2017.607.337
5.	International Journal of Current Research and Academic Review.	NAAS	ISSN: 2347-3215	Reena M, Gurpreet Kaur. Anti-enteric Potentials of Six Common Food Spices. International Journal of Current Research and Academic Review. 2017; Special Issue - 4: 165 - 172.	2017

6.	Asian Journal of Microbiology Biotechnology and Environmental Sciences.	Scopus	ISSN-0972-3005	Reena M, D.Gayathri , S.Lalitha Kameswari. Prevalence of antibiotic resistant <i>Ralstonia</i> spp and other exotic Gram-negative organisms in hospital animate and inanimate sources and its relationship with nosocomial infection. Asian Journal of Microbiology Biotechnology and Environmental Sciences. 2019; 21(2): 507-511.	2019
7.	International conference on contemporary praxis in academics and research: A scientific approach.	Book Chapter	ISBN: 978-81-942094-2-3	Reena.M. A preliminary study on application of banana peels as growth supporting media for <i>Saccharomyces cerevisiae</i> . International conference on contemporary praxis in academics and research: A scientific approach. 2019; Microbiology series – 2; 7 – 10.	2019
8.	BMC Infectious Diseases.	UGC/SCI	ISSN 1471-2334	Reena.M, D.Gayathri, S. Lalitha Kameswari. Drug resistance profile of Gram negative and related exotic bacterial isolates from an urban hospital in Chennai, Tamilnadu, India. (Abstract) BMC Infectious Diseases. 2020; 20 (Suppl 1): 324.	2020 https://doi.org/10.1186/s12879-020-05038-y
9.	International Journal of Chemistry, Material and Environmental Research.	Publons	E-ISSN:2410-5945	Keerthana.V, Reena.M. Nosocomial Infection – A retrospective Analysis.	2022;9(1):31-35.
10.	Conference proceedings of Integrative Approach for Conservation of Life Systems (IACLS – 2023).	Book Chapter	ISBN: 978-93-91332-50-1	Akshaya. T, Reena.M. Case study- An important epidemiological tool in detecting food borne illnesses.	2023; CP.97- CP.103.

FDP/STTP

S.No.	Organized by	State/National/International	Topic	Date(s)
1.	Internal Quality Assurance Cell & Dean of Academics, Ethiraj College for Women, Chennai	National	Quality Publications & E-Learning.	19.09.2018
2.	Ethiraj College for Women, Chennai.	State	Research insights, publication and proposal strategy.	15.07.2019

3.	Sathyabama Institute of Science and Technology	International	Novel Microbes and Newer Threats.	20 th April – 2 nd May 2020
4.	Sathyabama Institute of Science and Technology	International	Practical Bioinformatics on a wet lab set up.	11 th May – 16 th May 2020
5.	Association of Indian Biologists	National	Certificate course on Bionanotechnology.	15.05.2020 – 11.06.2020
6.	Ethiraj College	International	Adapting to the Covid era.	12 th June 2020
7.	Ethiraj College	International	Recasting from onsite to online pedagogy.	20.07.2020 – 24.07.2020
8.	NPTEL - AICTE	National	Organic farming for sustainable agricultural production.	Sep – Nov 2020
9.	Jyothi Engineering College, Thrissur, Christ (Deemed to be University), Bangalore, India and Pelita Bangsa University, Indonesia in association with IQAC, Jyothi Engineering College, Thrissur, India.	International	The Art of doing research.	12 – 22 July 2021

WEBINARS [National/International]

S.No.	Organized by	State/National/International	Topic	Date(s)
1.	Atal Incubation Centre – Pondicherry Engineering College Foundation.	National	How to conduct online class to students followed by an online examination conducted and secured ‘S’ grade.	08.04.2020
2.	Department of Biochemistry, St.Francis College for Women, Hyderabad.	International	Online webinar on “Human Coronavirus: Host pathogen Interaction and Prevention”.	30.04.2020
3.	Centre for Ocean Research, Sathyabama Institute of Science and Technology.	International	Webinar series on “Biotechnological and Nanotechnological Application for Marine Bioresources Augmentation”.	04.05.2020 to 09.05.2020.
4.	IQAC of Auxillium College in association with Don Bosco College, Yelagiri Hills.	National	Webinar on “Outcome based Education and Curriculum Development”.	15.05.2020 & 16.05.2020.
5.	Department of Biotechnology, MSU, Tirunelveli.	International	Webinar series lecture	27.05.2020 to 28.05.2020.
6.	MGR-Janaki College of Arts and Science for Women, Chennai.	International	Webinar series on “The Trinity of Covid – 19: Immunity, Implications and Interventions”.	04.06.2020 to 06.06.2020.

7.	Department of Microbiology, Madras Christian College, Chennai.	International	Webinar on “An Insight into Commercial Applications of Microorganisms in the Current Era”.	24.07.2020 to 25.07.2020.
8.	Department of Biochemistry, Ethiraj College for Women.	National	Webinar on “Real time PCR in Molecular Diagnosis of Viral Infections”.	27.07.2020.
9.	Nutrition Society of India (NSI), Chennai Chapter in association with Indigenous and Frontier Technology Research (IFTR) Centre.	National	Webinar on “Building a Fairer and Healthier World”.	07.04.2021.
10.	Internal Quality Assurance Cell – SRIHER.	National	Webinar on “Importance of feedback in Quality Assurance for HEIs”.	07.08.2021
11.	Jaya College of Arts and Science, Chennai.	International	Webinar on “Microbiological Prospectives of Food Borne Illnesses”.	25.01.22
12.	MGR – Janaki College of Arts and Science for Women, Chennai.	International	Webinar on “Food Safety: Knowledge and Quality Practices”.	05.03.2022

AWARDS: Fellow of Indian Association of Applied Microbiologists (FIAAM)

OTHERS:

List out Resource Person, BOS Chairperson or Member, Subject Expert, University Nominee

1. Executive Committee Member of Indian Association of Applied Microbiologists. (IAAM).
2. Member in the Board of Studies in Microbiology (Common Board) – University of Madras - 3 Years (1.6.2014 to 31.5.2017).
3. Member in the Board of Studies in Microbiology (U.G. & P.G.) – St.Joseph’s College of Arts & Science (Autonomous), Cuddalore – 2 Years (24.3.2016 to 23.2.2018).
4. Resource Person: Webinar on “Mapping the right choice”, career guidance to BIHER Biotechnology students. 18.12.2021.
5. Resource Person: State level Webinar on “Make Every Breath Count” on 12th November 2022 in observation of World Pneumonia Day organized by Department of Microbiology and Health Club, St.Anne’s Arts and Science College, Chennai.