



kavitha@mcc.edu.in

ORCID ID-0000-0002-9521-9843

Name – **Dr Kavitha Krishnan** M.Sc.,M.Phil.,Ph.D

Designation- Associate Professor

Education

- UG – B.Sc. (Microbiology), University of Madras,1997
- PG – M.Sc. (Applied Microbiology), Bharathiar University, 1999
- M.Phil – Microbiology, Periyar University, 2007
- Ph.D - Microbiology, Bharathiar University, 2015

Highlights

Featured Publication-10

Positions - Associate Professor

International Visits-NIL

Visiting Fellow-NIL

Prominent

Recognitions - NIL

Dr Kavitha Krishnan, Associate Professor, Department of Microbiology, Madras Christian College, Chennai. Teaching interests include - Fundamentals of Microbiology, Medical Bacteriology, Food and Dairy Microbiology, Mycology and Forensic Microbiology. Presented research papers in many National and International Conferences and published more than 10 research papers in peer-reviewed journals. Currently guiding 3 Ph.D. scholars. Guided more than 35 Post Graduate projects.

Internal Page with Complete CV with the Following Items

1. **Name-** Kavitha Krishnan M.Sc., M.Phil., Ph.D

2. Education

- UG – B.Sc.(Microbiology), University of Madras,1997.
- PG – M.Sc. (Applied Microbiology), Bharathiar University, 1999.
- M.Phil – Microbiology, Periyar University, 2007.
- Ph.D- Microbiology, Bharathiar University, 2015.

3. Publications

- **Kavitha.K**, Murugan K (2012). Antibacterial Activity of Smilax Zeilanica against Rifampicin Resistant Methicillin Resistant *Staphylococcus aureus*. Indian Journal of Applied Microbiology, Volume 15, Number 2.Pp.107-113.
- **Kavitha.K**, Rajendran. P (2013).Molecular Typing of Methicillin Resistant *Staphylococcus aureus* Isolated From Clinical Samples by RAPD-PCR.Indian Journal of Applied Microbiology, Number I, Jan-June,Pp41-50.
- **Kavitha.K**, Rajendran .P (2014). Emergence of Rifampicin Resistance in MRSA in Diabetic Foot Ulcers Patients. International Journal of Advanced Research in Biological Sciences.ISSN:2348-8069,1(16).

- **Kavitha.K**, Rajendran. P, and Ambigaibalan .S (2014). A Comparative Study Of Ethanol Production from Various Fruit Wastes using *Saccharomyces Cerevisiae* and *Candida albicans*, Indian Journal Of Applied Microbiology, Volume 17, Number 2, July-Dec,Pp. 65- 72.
- Murugan.K, **Kavitha.K**, And S.Al-Sohaibani (2015). Rifampicin Resistance among Multi-Resistant MRSA Clinical Isolates from Chennai, India, and their Molecular Charecterisation. Journal :Genetics and Molecular Research.Volume14,Issue 1,Pp.2716- 2725.
- Venugopal. K, Ahmed. H, Manikandan.E, Thanigai Arul. K, **Kavitha. K** And Moodley.MK (2017). The Impact of Anticancer Activity upon Beta Vulgaris Extract Mediated Biosynthesized Silver Nanoparticles (Ag-Nps) against Human Breast (MCF- 7),Lung (A549) and Pharynx (Hep-2) Cancer Cell Lines. Journal-Journal Of Photochemistry And Photobiology B: Biology, 173, 99-107.
- **K Kavitha**, James Star Rynghang, Jerusha Daniel Peter. Antimicrobial Activity of Sea Weed-Ulva Lactuca Against Common Bacterial Pathogens, *Staphylococcus Aureus* and *Escherichia Coli*. (2017). Indian Journal of Applied Microbiology 20 (1), 42-46.
- **Kavitha. K**, Rajesh Kumar. R, Selvakumar. G, Sathiamoorthi. T, (2018). Prevalence of Asymptomatic and Symptomatic Vulvovaginal Candidiasis among Pregnant Women Attending Hospitals in Vellore District, Tamilnadu, India., International Journal of Health Sciences & Researchvol.8:Issue:9.ISSN:2249-9571.43-46.
- **K. Kavitha** And S. Shamini (2019). *In-Silico* Analysis of Bioactive Compounds from Root Exudates of *Allium Cepa*. Journal of Advanced Scientific Research. 10 (4), 205-207.
- Ahmed, Venugopal, Bhat, **Kavitha**, Ramanan (2020). Enhanced Biosynthesis of Copper Oxide Nanoparticles (Cup - Nps) for their Antifungal Activity Toxicity against Major Phytopathogens of Apple Orchards. Pharmaceutical Research 37 (246).

4. Research Interests

Applied Microbiology, Medical Microbiology

5. Courses Taught

Fundamental of Microbiology, Medical Bacteriology, Food and Diary Microbiology, Mycology and Forensic Microbiology.

6. Awards

- Received'' Fellowship Award'' (FIAAM) from the Indian Association of Applied Microbiologists held during 9-10th Sep 2016 at NGP Arts & Science College, Coimbatore.
- Received ''Outstanding Teacher Award'' from the Indian Association of Applied Microbiologists held during 22-23rd Sep 2017 at Vivekananda College of Arts &Science, Tiruchengode.

- Received “Best Mentor Award” from Pondicherry Institute of Agricultural Sciences supported by Centre for Environment and Agricultural Development (CEAD) on 24th January 2020.
- Received “Dr.APJ Abdul Kalam Award for Teaching Excellence”- 2020 On 7th March 2021 from Marina Labs Research and Development, Chennai -07.

7. Presentation

- Presented a paper on “Antimicrobial studies of *Smilax zeilanica* against Rifampicin Resistant and Methicillin Resistant *Staphylococcus aureus*” held at Kanchi Krishna College of Arts & Science, Kanchipuram during 3-4th of March 2014.
- Presented a paper on “Enhanced activity of Antibiotics with Nanoparticles” in the National Conference on Recent Advanced Materials (NCRAM 2018) held on 23rd-24th Feb 2018 at Thiruvalluvar University College of Arts and Science, Thennangur, Sponsored by BRNS, Mumbai and TNSCST, Chennai.
- Presented a paper on “Increasing the Efficacy of Conventional Antibiotics using Silver Nanoparticles Targeting Improved Antimicrobial Properties” in the One day International Conference on Recent Advanced Materials (ICRAM – 2020) held on 6th Jan 2020 at Thiruvalluvar University College of Arts and Science, Thennangur, Vandavasi.
- Presented a poster on “Microbial Degradation keratinase waste” in the International Conference on Environmental, Agricultural, Chemical, and Biological Sciences held on Jan 24 – 25, 2020 organised by Pondicherry Institute of Agricultural Sciences in association with Murray State University, USA, and Centre for Environment & Agricultural Development (CEAD).
- Presented a poster on “Green Biogas Production from Dairy Waste by Biomethanization” in the 2nd International Conference on Recent Trends in Renewable Energy and Sustainable Global Development held on 30 -31st Jan 2020 organized by Bhilai Institute of Technology, Raipur and Chhattisgarh Swami Vivekananda Technical University, Bhilai.
- Presented a paper on “Antifungal activity of *Hedyotis sp* plant extract against multidrug-resistant *Candida albicans* isolates in XIV Louis Pasteur International Symposium on Role of Multidisciplinary Research in Microbiology for Sustainable Development (RMSD – 2023) held on March 9-10, 2023 Organised by Department of Microbiology at Dr.N.G.P Arts and Science College (under DBT Star scheme), Coimbatore.

8. Resource Persons-NIL

9. Administrative Positions- PGDMLT Course Coordinator