

## **MRS. KOUSALYA.M M.sc. MEDICAL MICROBIOLOGY**

### **GRADUATION**

- **BSc.Microbiology** from Bharathiyar University, Coimbatore in 2012.
- **Diploma in Bioinformatics** from Bharathiyar University, Coimbatore in 2011.
- **M.Sc. Medical Microbiology** from SRM University, Chennai in 2015.

### **POSITION HELD**

- **Tutor** in Ponnaiyah Ramajayam Institute of Medical Sciences, Chennai from 6.9.2016-23.5.2018
- **Lecturer** in Sri Ramakrishna Dental College and Hospital from 01.06.2018 till date

### **SEMINARS /CONFERENCES PRESENTED**

- **Paper presentation** on “Invitro susceptibility test for zygomycetes ” at SIHAM 2014, PSG Medical College on 12.1.2014.
- **Poster presentation** on “Antifungal susceptibility pattern of Fungi causing invasive fungal infections” at MICROCON 2014, SMS Medical College ,Jaipur on 18.10.2014
- **Paper presentation** on “Anti fungal susceptibility pattern of fungus causing invasive fungal infections in a tertiary care hospital” at Research day SRM Medical College Hospital & research Center, Chennai on 27.2.2015.
- **Poster presentation on** “Genotypic characterizations of toxins and acquisition agents as virulence factors of uropathogenic *Escherichia coli*”at CIDSCON 2018 Vellore.

### **SKILL ENHANCEMENT PROGRAM**

- Grant writing in Biomedical research in 2020
- Medical laboratory – IA & QMS as per ISO 15189 in 2020
- NPTEL – AICTE – Health Research fundamentals in 2019

### **PUBLICATIONS**

- Prevalence of Uropathogenic specific protein and B glucorinidase of UPEC in relation to symptomatic UTI and asymptomatic bacteraemia, Research Journal Of Pharmaceutical, Biological and chemical sciences, 10(5), 2019.
- The activity of table vinegar against the biofilm producing by *Escherichia coli*, International Journal of Medical Sciences and Advanced Clinical Research, Vol2, Issue2, Pg, 64-68, March-April 2019.
- The dr family - AFimbrial Adhesin Gene In Uropathogenic *Escherichia Coli* Isolated From Patients Suspected With Urinary Tract Infection, International Journal Of Advanced Research, 7(3), 202-205, March 2019.
- Vinegar – as an antibiofilm agent against the biofilm of UPEC. Int.J.Adv.Inn.Res, International Journal Advanced Innovative Research, Vol 7, Issue9, 2019.
- Phenotypic Screening and Genotypic characterization of Extended Spectrum Beta Lactamase producing genes blaTEM, blaSHV, blaCTX-M among Uropathogenic *Escherichia coli*, International Journal of Current Research, Vol10, Issue 12, Dec 2018.
- Comparison of Genotypic and Phenotypic expression of Adhesins – P fimbriae and Type 1

fimbriae in Uropathogenic *Escherichia coli*, International Journal of Recent Scientific Research, Vol 9, Issue 12(E), Pg 30140-30145, December 2018.

- Genotypic characterization of toxins and iron acquisition agent as virulence factor of uropathogenic *Escherichia coli*., International Journal Advanced Research, 6(11), 827-830, November 2018.
- Beautify but please do notify, International Journal Of Scientific Research, Vol7, Issue10, October 2018.
- Fungal Sinusitis – A clinical approach., International Journal of Applied Research, Vol8, Issue3, March 2018.
- Warm bacterial shower in washrooms, International journal of basic and applied research, Vol8, No8, 2018.
- Bacteria or Caketeria ???., International Journal of New Technology and Research, Vol4, Issue 1, Pg42-44, Jan 2018.
- Rapid Phenotypic Detection and Differentiation Of Pathogenic Aerobic Bacteria Using Alternative Methods To Staining, Indian Journal of Applied Research, Vol8, Issue1, January 2018.
- Haemagglutination and Resistance to the Bactericidal Activity of Serum as the Urovirulence Markers of Uropathogenic *Escherichia coli*. International Journal Current Microbiology Applied Sciences, Vol5, No.9, Pg514-523, 2016.
- A Study of clinico – mycological profile of CSOM patients attending tertiary care hospital, International journal of basic and applied research, Vol8, No8, August 2018.
- Haemagglutination and Resistance to the Bactericidal Activity of Serum as the Urovirulence Markers of Uropathogenic *Escherichia coli*, International Journal of Current Microbiology and Applied Sciences, 5(9), 514-523, 2016.
- A study of extended spectrum  $\beta$  lactamase (ESBL) producing *Klebsiella* from pus and urine samples from a tertiary care medical college hospital in Coimbatore, International Journal of Multidisciplinary Research and Development, Vol3, Issue6, Pg-262-266, June 2016
- Interpretive challenges in serodiagnosis of leptospirosis and dengue in South India, International Journal of Multidisciplinary Research and Development, Vol3, Issue7, Pg358-362, July 2016.
- Subcutaneous entomophthoromycosis mimicking soft-tissue sarcoma in children, Journal of Pediatric surgery, 50(7), Pg1150-1155, 2015