1. Ongoing research projects:

- **Dr.K.Muthulakshmi, Dr.Somasunder, Dr.Padmapriya** - Evaluation of rapid diagnostic tests for Typhoid fever among febrile patients attending a tertiary care hospital, Kanchipuram.
- **Dr.Senthamarai** – Invitro antimicrobial activity of PRP against MOR GPC isolate
- **Dr.Sivasankari** - Prevalence of Chlamydial infection among bad obstetric history
- **Dr.Sivasankari** - Prevalence of Clostridium difficile from stool sample
- **Dr.Anitha .C** – Antibiofilm activity of PRP against organism causing urinary tract infections
- **Dr.Somasunder** - Prevalence of VRSA from various clinical samples.
- **Dr.Anitha** - Isolation and molecular characterization of Uncommon bacterial isolates from blood and body fluids from Automated culture system (BACTEC)
- **Mrs. Siji mol** – Prevalence of Quinolone resistance in E.coli among various samples
- **Dr.Geetha** – comparative study of NSI antigen detection in Acute Dengue infection by immnochromatography ELISA and RT – PCR in a tertiary care hospital in Kancheepuram

2. Completed Research Projects:

- **Dr.Sivasankari** - Sero prevalence of dengue in a tertiary care hospital
- **Dr.Senthamarai** - Isolation & Characterization of Fusarium from various clinical
- **Dr.Sivasankari** - Detection of various fungal species causing Keratitis sample
- **Dr.Anitha** - Detection of Quorum sensing among biofilm producing nonfermenters
- **Dr.Senthamarai** - Sero prevalence of chikungunya in Kanchipuram
- **Dr.Kumudavathi** - Incidence of leptospirosis infection in Kanchipuram
- **Dr.Anitha** - Study on the markers prevalent in hepatitis infection
- **Dr.Anitha** - Molecular detection of fungal pathogens using PCR
- **Dr.Senthamarai** - Antibiotic susceptibility pattern of Proteus spp in various clinical samples.
- **Dr.Senthamarai** - Prevalence of toxoplasmosis infection in BOH women in Kanchipuram.
- **Dr.Senthamarai** - Prevalence of opportunistic microbial infections in HIV patients i
• **Dr. Sivasankari** - Penicillin resistance among group A Streptococcus
• **Dr. Anuradha** - Comparative study for the reliability of cellophane tape and standard KOH mount in diagnosis of suspected case of fungal infections among the patients attending dermatology OP and IP case in a tertiary care hospital, Kanchipuram.
• **Dr. Sivasankari** – A study on the post surgical wound infections in a tertiary care hospital in Kanchipuram
• **Dr. Anitha** – Hospital acquired blood stream infections an resistogram pattern of gram negative organisms in a tertiary care hospital Kanchipuram
• **Dr. Rajesh** – Phenotypic evaluation of antimicrobial resistance, virulence factors of Coagulase negative staphylococcus species in catheter related blood stream infection among intensive care unit patients and genotypic characterization of hemolysin in a tertiary care hospital
• **Dr. Karthika priya** – Genotypic characterization and resistance profile in surgical site infections of aerobic micro organisms from a tertiary care hospital