

SYLLABUS :-

Preparation of media slants for bacterial culture, Isolation of pure culture in slant techniques, isolation of pure culture by streak plate techniques, dilution plating for viable count, simple staining of bacteria, gram staining of bacteria, gram staining of bacteria, size measurement of microbial cells, determination of cell number, staining the bacteria endospore, determination of antibiotic sensitivity of E.coli, determination of MIC of antibiotics against E.coli, enumeration of heterotrophic bacteria from drinking water and tap water source.