

**MMB252: INDUSTRIAL AND ENVIRONMENTAL MICROBIOLOGY LAB**

1. Sterilization, disinfection, safety in microbiological laboratory.
2. Culturing and isolation of microorganisms from environment source.
3. To study antimicrobial susceptibility testing using an octadisc.
4. To determine minimal inhibitory concentration (MIC) of an antibiotic or metal
5. To perform sterility testing of a sample.
6. To isolate fungi present in soil samples and calculate their relative abundance and frequency of occurrence.
7. To determine BOD and COD of water samples from different sources.
8. Isolation of microorganism from rhizosphere of plant.