



MANGALORE UNIVERSITY
DEPARTMENT OF MICROBIOLOGY
MSc Microbiology

MBP- 405: Practical I (Virology &Bacteriology)

1. Isolation and enumeration of coliphage from sewage
2. ELISA, western blot for viral receptors
3. Host plant inoculation
4. Indicator plant test
5. DIBA
6. Preparation of bacterial culture media
7. Bacterial inoculation methods
8. Colony characteristics of bacteria
9. Staining techniques (Simple, Negative, Gram's, Endospore, flagellar)
10. Bacterial Growth curve (Titrimetric and Turbidometric)
11. Enumeration of bacteria from different sources
12. Micrometry

