

## **MIO 107-P MICROBIAL TECHNOLOGY [P]**

**Practical Course Credit: 1**

**Contact Hours : 30**

1. Determination of stability of microbial fertilizer.
2. Effect of microbes on sedimentation and clarification of water.
3. Screening of isolates for production of pigments, probiotics, bioactives.

### **References (Composite list for theory and practicals):**

1. Arora, R., Microbial Biotechnology: Energy and Environment, CABI Publishing.
2. Ahmad, I., Ahmad, F. and Pichtel, J. Microbes and Microbial Technology: Agriculture and Environmental Applications, Springer.
3. Peppler, H.J., Microbial Technology: Microbial Processes, Academic Press.
4. Sukla, L. B., Pradhan, N., Panda, S. and Mishra, B. K. Environmental Microbial Biotechnology, Springer.
5. Bull, A. T., Microbial Diversity and Bioprospecting, American Society for Microbiology.

