

SLO Presentation

MICR

Date: 09/11/2019

SCIENCE, ENGINEERING & MATH
MICR
PSLO No PSLOs
CSLO MICR200 - Principles and Applications of Microbiology <ul style="list-style-type: none">• Describe the basic principles of the immune system and its role in fighting against microbial pathogens• Describe the characteristics of prokaryotic cells, eukaryotic cells, and viruses• Demonstrate an understanding of the basic fundamentals of microbial genetics and regulation of gene expression• Explain principles of microbial growth and its regulation by physical and chemical methods and also explain the common mechanisms of antimicrobial resistance• Describe the causative agent, pathogenesis, symptoms, prevention, transmission and treatment of common microbial diseases.• In lab, correlate the staining differences of various bacteria to their microscopic anatomy, cell-wall structure, and life cycle• In lab, correctly identify unknown bacterial cultures using techniques and biochemical tests common to the microbiology laboratory• In lab, identify the microscopic stages and structures of fungi, protozoa, and helminths