

DATTA MEGHE INSTITUTE OF MEDICAL SCIENCES
(Deemed to be University)
SHARAD PAWAR DENTAL COLLEGE & HOSPITAL
II BDS

Name of Subject – Microbiology
CO –PO Mapping

COURSE OUTCOMES	COMPETENCES	PROGRAM OUTCOMES						
		1	2	3	4	5	6	7
CO-1: To Study about History, Microscope, Morphology and Physiology of bacteria, bacterial genetics and Immunity, Sterilization & Disinfection, Culture Media, culture methods and Antibacterial sensitivity testing	DMI1.1A, DMI1.1B, DMI1.2, DMI1.3A, DMI1.3B,	3	2	3	3	3	3	3
CO-2: To Study about Infection, and immunity, Antigen, immunoglobulin and Antigen – Antibody reactions, Structure and function of immune system with Immune response and Complement system, Hypersensitivity and Autoimmunity and immunodeficiency disorders	DMI2.1, DMI2.2, DMI2.3B, DMI2.3C, DMI2.4A, DMI2.4B	3	2	3	3	3	3	3
CO-3: To discuss the pathogenicity, virulence factors and laboratory diagnosis of bacterial infections and to analyse the outcome of various diagnostic procedures	DMI3.1, DMI3.2, DMI3.3A, DMI3.3B, DMI3.4, DMI3.5B	3	2	2	3	3	3	3
CO-4: To discuss general properties of virus, cultivation of viruses with laboratory diagnosis and immunoprophylaxis. Relevant viruses in dentistry: Herpes virus, Hepatitis virus, HIV, mumps virus, Measles virus and rubella	DMI4.1A, DMI4.1B, DMI4.1C, DMI4.2A, DMI4.2B,	3	2	3	3	3	3	3
CO-5: Introduction to mycology and laboratory diagnosis of fungus, Candida and oral lesions of systemic Mycoses, Cryptococcus and histoplasma, Introduction to parasitology. Mode of transmission and prevention of commonly seen parasitic infection	DMI5.1, DMI5.2A, DMI5.2B, DMI5.3A, DMI5.4B	3	2	3	3	3	3	3

1-Slight (low)

2-Moderate (Medium)

3- Substantial (high)

0-no correlation