Pathogenic Microbiology BVOMLT-501

**UNIT I**

Pathogenic Microbes, Diagnosis, Prevention and Control

Introduction to important diseases caused by Streptococcus, Pneumococcus, Neisseria, Corynebacterium, Bacillus, Ciostridium, enterobacteriaceae (Proteus, Shigella, Salmonella), Vibrio, Yersinia, Hemophilus, Mycobacterium, The operative pathogenic mechanisms, laboratory diagnosis, prevention and control of these diseases.

**UNIT II**

Prevention and Control of Viral Diseases Morphology, pathogenesis, life cycle, laboratory diagnosis, prevention and control of viral diseases viz. Rabies, Polio, Small pox, Herpes, Measles, Influenza and AIDS.

**UNIT IIII**

Human Mycotic Infections Introduction to Human mycotic infections viz Cryptococcosis, Dermatophytosis, Blastomycosis, Opportunisitc Mycosis; Candidiasis and Aspergillosis.

**UNIT IV**

Mechanisms and Control of Parasitic Infections Life cycle, pathogenic, mechanisms and control of parasitic infections viz. amoebiasis, Kalaazar, toxoplasmosis, ascariasis, filarasis, hook worm infections.