

PROGRAMME: MASTER OF SCIENCE BOTANY (MSCBOT-21)

Year/ Semester: Ist semester

Course Code: MSCBOT-501

COURSE NAME- FUNGI, LICHEN, VIRUSES AND BACTERIA

UNIT SCHEDULE

BLOCK-1-BASICS OF FUNGI AND LICHENS

Unit-1-Habit, General Characteristics, Nutrition and Reproduction of Fungi

Unit-2-Classification, Phylogeny and Economic importance of Fungi

Unit-3-General account of Lichen

BLOCK-2-FUNGI: LIFE CYCLE

Unit-4-Mastigomycotina and Zygomycotina

Unit-5-Ascomycotina

Unit-6-Basidiomycotina and Deuteromycotina

BLOCK-3-PLANT VIRUSES AND BACTERIA

Unit-7-Structure, Properties, Classification and Replication of Viruses

Unit-8-Pathogenesis of infection, Transmission of viruses and Bacteriophages

Unit-9-Structure, Nutrition, Reproduction, Economic importance of Bacteria and their major groups

Unit-10-A brief account of Mycoplasma, Actinomycetes and Rickettsia