

PROGRAMME: MASTER OF SCIENCE BOTANY (MSCBOT20)

Year/ Semester: IVth semester

Course Code: MBOT-608

Course Name: PLANT PATHOLOGY

Syllabus

BLOCK – I: PRINCIPLES OF PLANT PATHOLOGY

Unit –1: History and Concepts of Plant Pathology

Unit –2: Classification and Symptomatology of Fungal, Bacterial, Viral, Phytoplasmal and Nematode Diseases

Unit –3: Host – Pathogen Interaction – I

Unit –4: Host – Pathogen Interaction – II

Unit –5: Control of Plant Diseases

BLOCK – II: DISEASES CAUSED BY BACTERIAL, VIRUSES PHYTOPLASMA AND SPIROPLASMAS

Unit –6: Plant Diseases Caused by Bacteria, Viruses, Phytoplasma and Spiroplasmas

Unit –7: Plant diseases of Cereals, Pulses and Oil Seeds

Unit –8: Plants Diseases of Fruits and Vegetables

Unit –9: Plant diseases of Cash Crops and Plantation crops