

PROGRAMME: MASTER OF SCIENCE BOTANY (MSCBOT-21)

Year/ Semester: Ist semester

Course Code: MSCBOT-505L

COURSE NAME- LABORATORY PRACTICAL-I

UNIT SCHEDULE

BLOCK-1- FUNGI, LICHEN, VIRUSES AND BACTERIA

Unit-1-Morphological study of representative members of Fungi

Unit-2-Symptomology of some diseased specimens

Unit-3-Identification of Fungal cultures

BLOCK-2-ALGAE AND BRYOPHYTES

Unit-4-Morphological Study of representative of Algae-I

Unit-5-Morphological Study of representative of Algae-II

Unit-6-Morphological Study of representative of Bryophytes-I

Unit-7-Morphological Study of representative of Bryophytes-II

BLOCK-3-PTERIDOPHYTES, GYMNOSPERMS AND PALAEOBOTANY

Unit-8-Morphological study of representative of Pteridophytes-I

Unit-9-Morphological study of representative of Pteridophytes-II

Unit-10-Study of Morphology and other features of important fossils of India (Specimen & slides)

Unit-11-Comparative study of the anatomy of vegetative and reproductive parts of Gymnosperms

BLOCK-4-TAXONOMY OF FLOWERING PLANTS (ANGIOSPERMS)

Unit-12-To get acquainted with tools and techniques related to the plant taxonomy

Unit-13-To get acquainted with terminology related to various parts of the plants helpful in plant Taxonomy

Unit-14-To describe a fresh/preserved plant specimen of local importance

Unit-15-To prepare the bracketed and indented keys and to prepare the Dendrograms for families