

PROGRAMME: MASTER OF SCIENCE BOTANY (MSCBOT20)

Year/ Semester: Ist semester

Course Code: MBOT-502

Course Name: BIOLOGY AND DIVERSITY OF ALGAE

Syllabus

BLOCK – I: ALGAE – I

Unit –1: General Characters and Classification

Unit –2: Thallus Organisation in Algae

Unit –3: Reproduction and Life Cycles of Algae

Unit –4: Life Histories of Some Genera of Chlorophyta – I

Unit –5: Life Histories of Some Genera of Chlorophyta – II

BLOCK – II: ALGAE – II

Unit –6: General Characters of Cyanophyta

Unit –7: General Characters of Some Genera of Xanthophyta and Bascillariophyta

Unit –8: General Characters and Life Histories of Some Members of Phaeophyta

Unit –9: General Characters and Life Histories of Rhodophyta

Unit –10: Economic Importance of Algae