

PSMO COLLEGE - DEPARTMENT OF BOTANY

ONLINE COURSE - NURSERY MANAGEMENT & PLANT PROPAGATION

SYLLABUS

Module 1:

Site selection, Layout, Nursery beds, bed preparation, Pots and Poly bags, Potting mixture, Potting and Repotting, Green houses and its management and shade regulation. (10hours)

Module 2:

Techniques of Plant propagation, Basic principle of plant propagation and seed production/ hybrid seeds production, different methods of propagation: cutting, Layering, Budding, grafting and introduction to plant tissue culture. (10 hours)

Module 3:

Manuring and fertilizer application, Basic plant nutrients, different Manures and fertilizers, Biofertilizer, Different methods of Irrigation, composting and kitchen waste management (10 hours)