

Syllabus

Mushroom cultivation

Unit-1: Mushroom morphology

Different parts of a typical mushroom & variation in mushroom morphology key to differentiate edible from poisonous mushroom. 4 lecture

Unit-2 : Mushroom Classification

Based on occurrence - Epigenous hypogenous natural habitats humicolous lignicolous & coprophilous

Color of spores- white, yellow, pink, purple brown & black morphology 4 lecture

Unit-3 : Biology of Mushrooms

Button straw & Oyster- General morphology distinguishing characteristics, spore germination & life cycle. 4 lecture

Unit-4 : Nutrient Profile of Mushroom

Protein, amino acids, calorific values, carbohydrates, fats, vitamins & minerals 4 lecture

Unit-5 : Health benefits of Mushroom

Antiviral value, antibacterial effect, antifungal effect antitumor effect, haematological value, cardiovascular & renal effect in therapeutic diet, adolscense for aged person & diabetes mellitus 4 lecture

Bonsai Preparation Syllabus

Unit-1:

Bonsai rules, tradition & rituals, respect for nature and conservation, miniature Bonsai developing miniature Bonsai containers and Soil for miniature Bonsai care and maintenance. 3lecture




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Unit-2:

Special techniques in Bonsai Driftwood style sleeting material for driftwood style Bonsai creating Driftwood style. Bonsai & dead wood Bonsai root over rock bonsai.

3lecture

Unit-3:

Collecting refining and displaying Bonsai sources of material for Bonsai
Collecting material from the ground, buying material propagating Bonsai material by seeds.

3 lecture

Unit-4:

Refining Bonsai, review the Basic styles,spec root,trunk branches & foliage container, soil displaying, displaying in a private collection.

3 lecture




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