

CERTIFICATE COURSE IN MUSHROOM SPAWN PRODUCTION AND CULTIVATION
(30 Hours)

MODULE I

Introduction to mushroom. Edible mushrooms and poisonous mushrooms. Cultivated edible mushrooms - nutritional value and medicinal value. (5 Hours)

MODULE II

Brief outline about isolation of mushroom fungus and culture maintenance. Substrates used for mushroom spawn production. Mother spawn preparation. Multiplication of bed spawn from mother spawn. (7 Hours)

MODULE III

Mushroom bed preparation – Substrates used and methods of sterilization of substrate. Maintenance of mushroom bed. Common pests – prevention and control. Precautions to avoid contamination in mushroom bed. (8 Hours)

MODULE IV

Practical demonstration of mushroom spawn production using rice grain (8 Hours)

MODULE V

Practical demonstration of mushroom bed preparation using paddy straw (2 Hours)