



ST. THOMAS COLLEGE PALAI

UGC Approved College with Potential for Excellence
Reaccredited by NAAC with A Grade (CGPA 3.30)

Syllabus for Vocational Education and Training (VET) Course

Mushroom Cultivation

Course Code : **STCVE018**

Course Coordinator : **Noby Mathew**

Lecturer

Department of Biotechnology &

Applied Microbiology

Maximum intake : **40**

Eligibility : ***Any regular UG or PG student of the College***

Objective:

(1) To train the candidates for the job of a “Mushroom Grower (Small Entrepreneur)”, in the “Agriculture & Allied” Sector/Industry

Module 1 Mushroom morphology:

Different parts of a typical mushroom & variations in mushroom morphology. Key to differentiate Edible from Poisonous mushrooms. Preparation of raw materials.

Module 2 Nutrient Profile of Mushroom:

Protein, amino acids, calorific values, carbohydrates, fats, vitamins & minerals. Health benefits of Mushroom.

Module 3 Fundamentals of cultivation system:

Small village unit & larger commercial unit. Facilities required for spawn preparation, Preparation of spawn substrate. Cultivation procedure. Practical

Theory: **40%** & Practical: **60%**