

## **FIELD VISIT TO MUSHROOM CULTURE UNIT**

Date: 07-11-2023

Place: Orvakal Village

Resource person: M.D.- Veerendra Singh

Fresh bowl horticulture Pvt Ltd

Students Attended: - 130 - BBC BZC BMC(B+G)

PROGRAM IN CHARGES: Dept. of Botany

### **GIST**

Do you know mushrooms are visible and rich in vitamins and proteins? Yes. Mushrooms are macroscopic visible and edible fungi that are a good source of protein, fiber, vitamins, minerals, and antioxidants also with low fat and cholesterol. Mushrooms are in great demand even in rural regions nowadays as it is one of the most nutritious meat substitutes for vegetarians. The Department of Botany has organized a field trip to the mushroom culture unit on 07-11-2023 for final-year life science students to make them aware of the commercial production procedure of the white button mushrooms.

As per CBCS's revised syllabus of Botany 2023-24 "Mushroom Cultivation" had been included in V semester as a skill enhancement course. To acquire critical knowledge on the cultivation process of white buttons, all V semester students studying botany were taken to the mushroom unit as it was the need of the field visit.

Managing director of Freshbowl, Veerendra Singh, welcomed our students and explained in detail how to prepare compost, spawn preparation, casing, pinning, and harvesting the mushrooms.

The visit to the unit was very helpful as the students practically witnessed the step-by-step procedure of cultivation.

### **OBJECTIVES**

- To make students aware of how to strengthen livelihood by generating income by cultivating mushrooms
- To sensitize students about the production techniques of mushroom cultivation which is one of the most significant agri-business in the world.

## OUTCOMES

- Students got the opportunity to visit one of the largest mushroom units in Andhra Pradesh.
- Students were able to assimilate all the different stages of cultivation and how to make compost for mushrooms.

