

One Day Hands on training on Milky Mushroom Cultivation at Hukumpeta, Rajahmundry Rural, Andhra Pradesh

Objective the training:

- To know the basic infrastructure to establish a mushroom culture unit.
- To understand the morphological features of different mushrooms.
- To learn about spawn preparation and different methods of compost making.
- To know the storage methods, preparation of value –added products of mushrooms and their marketing.

Brief information about the activity:

Final year students of B.Sc., (B.C. Horticulture) started their journey at the campus of Government College (Autonomous), Rajahmundry on 23-11-2023 at 08:30 AM. Students hired autos from Kambalacheruvu Auto stand, Rajahmundry. They reached the Sri Lakshmi Mushrooms, Hukumpeta by 09:15 AM. The owner cum trainer Smt. Koppula Srilakshmi, Rajahmundry accepted to impart training to students with a fee of Rs.200/- per head. Smt. M.V.V. Satyaveni and Dr.K. Nagendra Prasad, Lecturers of the Botany Department accompanied the students during this activity. Students were informed about the current mushroom scenario in Andhra Pradesh and as well as in India by the trainer. She gave the information about locations of different mushroom cultivation like button mushroom at Peddapuram and Fresh bowl mushroom Farm at Orvakal in Kurnool Dist.

. The trainer enlightened the learners on different organizations in A.P. and India offering trainings on mushroom cultivation. She explained about the climatic and laboratory conditions to cultivate different mushroom species. Students acquired knowledge about identification of mushrooms of different species according to their size, shape, color and unique characteristics. She gave hands on training for the students on preparing compost and spawn, preparation of bags, casing and cropping techniques. She also gave the information regarding the value added products of mushrooms and their marketing. Students also got the information about the government assistance for promoting the self-employability through the mushroom cultivation. Students also got the knowledge about the bank subsidies to establish mushroom forms as small scale industries. Students understood the different sectors associated with the mushroom cultivation, preparation of spawn by aseptic techniques, the nutritional comparison between different edible mushrooms, market value of different mushrooms in a direct or indirect manner.

Outcomes of the Activity: Students got good knowledge on milky mushroom cultivation. They were trained about the techniques of substrate preparation for mushroom cultivation. They understood the nutritional as well as economic value of mushrooms. They observed by some value added products of mushrooms made by the trainer.

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Teaching about different mushrooms



Explaining quality of spawn



Techniques of preparing PP Bags



Techniques Regarding preparation of Beds





Various steps in mushroom cultivation



