

August, 2019

4. Field visit and presentation on Mushroom Cultivation on 30th August, 2019

Students of Botany (H) were taken to the back yard of college where mushrooms were growing profusely. Different stages of growth were explained at the site and then there was presentation on Mushroom was shown to more than 40 students.

Detail Report

Under the leadership of Dr Rajni, importance of understanding the different stages of growth of mushrooms, selection and differentiating edible and poisonous were practically demonstrated to students and faculty. She further explained that wild mushrooms can be found everywhere, and they are important as food and for trade as well as representing an essential part of forest ecosystems since they form ectomycorrhizal associations with tree roots, it is an important resource to be harnessed. Some species are specific to a particular host, but others can form associations with a number of different kinds of trees. For the improvement of forest health, scientists can identify the species of fungi involved and use the mycelium to inoculate seedling trees in a nursery and enhance tree growth in a plantation. There is a need to establish a “mushroom germplasm bank” to conserve this wild natural food and medicine resource, which also can serve as a source of nutraceutical. There is a need to grow live tissues in the laboratory, maintain these tissues in the laboratory, and develop the techniques required to domesticate these mushrooms.



Field visit by students and teachers of Botany department to see the luxurious mushroom growth. Dr. Rajni Gupta showed ring formation by spores of mushrooms to the students.