

# CERTIFICATE COURSE IN MUSHROOM CULTIVATION

## ABOUT THE PROGRAM

The program was started as a Short Term Course under Department of Biotechnology at the college during session 2017-18 with the objective to generate local employment opportunities and promote the cultivation of mushrooms especially white button mushroom. In session 2019-20 the course receive recognition and approved as “**Certificate Course in Mushroom Cultivation**” under **Community College Scheme of UGC, New Delhi**. The college has established Mushroom Cultivation Unit and QA laboratory. The department provides trainings, organize extension & awareness program for the community and arrange visit to mushroom growing industries.

## OBJECTIVES

- i) To strengthen the promotion of mushroom cultivation by establishing a well-equipped mushroom farm and laboratory.
- ii) To increase the production and consumption of mushrooms.
- iii) To create new employment opportunities for girl students and rural women and the youth through mushroom cultivation.
- iv) To empower rural communities with entrepreneurial skills through the production and sale of mushrooms.

**ELIGIBILITY:** 12<sup>th</sup> standard pass, preferably (no age bar)

**DURATION:** Six Month

**NO. OF SEATS:** 50

## ASSESSMENT AND CERTIFICATION CRITERIA

The skill component of the course will be assessed and certified jointly by the **Agriculture Skill Council of India** and the Institute. The total credits of the course is in following manner

- **Certificate courses:** NSQF level 4 certificate – 30 credits (One Semester)

# ACTIVITIES UNDER MUSHROOM CULTIVATION

## SESSION 2017-18

- Short term course on Mushroom Cultivation started on September 15, 2017 under the guidance Krishi Vigyan Kendar, Goniana, Sri Muktsar Sahib. The course coordinator, Mrs. Harmanjot Kaur, Asst. Prof. in Biotechnology enrolled 30 participants under the course.
- The Short term Course successfully completed and certificates issued to participants on February 28, 2018

## SESSION 2018-19

- Short term course started on September 24, 2018 under the Inchargeship of Mrs. Arti Sharma, HOD, Biotechnology. 19 students enrolled under the course.
- Organized Visit to Randhawa Mushroom Farm at Jalandhar- Beas road (village Sathiala), Punjab on 6<sup>th</sup> November, 2018
- Students Participated of in “Workshop on Mushroom Cultivation and Spawn preparation” At KVK, Bathinda on 11<sup>th</sup> Feb. -15<sup>th</sup> Feb, 2019  
Student Participants:      1. Sukhwinder Kaur (roll no. - 5301)  
                                                2. Navpreet Kaur (roll no. - 5304)  
                                                3. Kiranpreet Kaur (roll no.-5309)
- Short term course completed on March 23, 2019. During the program students go through the process of compost making, Spawing, cultivation , crop harvesting, packing and sell of white button mushroom.
- Department of Biotechnology signed MoU with Duggal Mushroom Farm on June 26, 2019 for invited talk and industrial trainings.

## SESSION 2019-20

- Started training program of UGC approved “Certificate Course in Mushroom Cultivation” under Community College Scheme with preparation of wheat compost on September 28, 2019.
- Mrs. Arti Sharma delivered Extension lecture on “Mushroom Cultivation” at Govt. Girls Senior Secondary School, Lakhewali, Sri Muktsar sahib on February 7, 2020 under Unnat Bharat Abhiyan.
- Organized extension activity under Unnat Bharat Abhiyaan on “Organic Farming and Mushroom Cultivation” at Baba Nand Singh Sen. Sec. School, Hari Ke Kalan on February 12, 2020.

**GLIMPSE OF ACTIVITIES**  
**FIELD VISIT AND TRAININGS**



**Visit to Randhawa Mushroom Farm at Jalandhar- Beas road (Village Sathiala) on November, 2018**



**Students participated in “Workshop on Mushroom Cultivation and Spawn preparation” at KVK, Bathinda during 11<sup>th</sup> Feb. -15<sup>th</sup> Feb, 2019**

## ACTIVITIES DURING MUSHROOM CULTIVATION



**Compost preparation**



**Compost packing and spawning in bags**

## ACTIVITIES DURING MUSHROOM CULTIVATION



**Bags for indoor culture**



**Casing addition to bags**

## ACTIVITIES DURING MUSHROOM CULTIVATION



**Harvested and packed mushroom for sale**

## EXTENSION ACTIVITIES



Extension lecture on “Mushroom Cultivation” at Govt. Girls Senior Secondary School, Lakhewali, Sri Muktsar sahib on February 7, 2020 under Unnat Bharat Abhiyan.



Extension lecture under Unnat Bharat Abhiyaan on “Organic Farming and Mushroom Cultivation” at Baba Nand Singh Sen. Sec. School, Hari Ke Kalan on February 12, 2020