

Department of Microbiology

Mushroom Project Activities

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1. MUSHROOM CULTIVATION 2020

The mushroom market is growing due to their culinary, nutritional, and health benefits. However, there exists a skill gap in areas such as cultivation techniques, market access, post-harvest handling, quality control, scaling production, and research & innovation.

To address this, Shaheed Rajguru College initiated mushroom cultivation on campus in 2020 under the guidance of Prof. Payal Mago. Furthermore, the Department of Microbiology organized an 'Online Entrepreneurship & Faculty Development Program' on Edible Mushrooms from 15th - 19th February 2021. This program aimed to equip participants with the necessary skills for successful mushroom cultivation. Microbiology has been organizing a certificate program in mushroom cultivation since 2020. Various types of mushrooms i.e., king oyster, pink oyster, black Oyster, White oyster mushrooms, button mushrooms, and Cordyceps are cultivated in the college premises throughout the year.



Mushroom Cultivation 2021

In October 2021, the Department of Microbiology, in collaboration with Enactus, SRCASW, organized a six-month 'Certificate course on Mushroom Cultivation and Faculty Development Program. The program was conducted in a hybrid (online and offline) mode.

The program trained participants in mushroom cultivation skills and market access, and encouraged them to start their own mushroom businesses. Enactus Shaheed Rajguru marketed the organic mushrooms grown by the participants under the project Green Haven.



Mushroom Cultivation 2022

The Department of Microbiology, under the aegis of IQAC, organised a six month 'Certificate Course on Mushroom Cultivation and Faculty Development Program' at Shaheed Rajguru College of Applied Sciences for Women in Delhi from October, 2022 to March, 2023. The program trained participants in mushroom cultivation skills and market access, and encouraged them to start their own mushroom businesses. Enactus Shaheed Rajguru marketed the organic mushrooms grown by the participants under the project Green Haven. The program promoted sustainable agriculture and profitable livelihood, and attracted various participants from different backgrounds. The program received positive feedback from the participants and the faculty members. The program plans to expand its reach and impact by collaborating with other colleges, NGOs, and government agencies.



Mushroom Cultivation 2023

The Department of Microbiology of Shaheed Rajguru College of Applied Sciences for Women (SRCASW) offers a certificate course and faculty development program on mushroom cultivation in collaboration with Enactus, Rajguru. The program provides a comprehensive learning experience that encompasses both theoretical and practical aspects of mushroom cultivation. The participants learn about the historical context, taxonomy, morphology, physiology, ecology, and diversity of mushrooms through theoretical sessions. The practical sessions enable the participants to acquire hands-on skills on substrate preparation, inoculation, incubation, harvesting, and preservation techniques. The program also exposes the participants to various types of mushrooms such as button, oyster, milky, shiitake, and reishi. The participants gain insights into the nutritional, medicinal, and environmental benefits of mushrooms as well as the challenges and opportunities in cultivation. The program aims to empower the participants with the knowledge and skills required for initiating their own mushroom cultivation units or enterprises.



2. HORTICULTURE TALK

The faculty members of the Department of Microbiology, delivered a talk on 'Mushroom Farming' organized by the Indraprastha Horticulture Society on 7 December 2022.




Mushrooms - the ultimate superfood !

You're Invited!

to a Zoom meeting on Mushroom farming on

7 DECEMBER , 2022
3 :00 - 4:00 p.m


organized by


Indraprastha Horticulture Society
Community Gardening with a Soul

SPEAKERS

- Dr. Bekha Mehrotra
- Dr. Kishinour Kasar
- Dr. Ritika Sharma

Faculty members
Shri Aurobindo College of Applied Sciences
University of Delhi



3. FLOWER SHOW 2023

On March 2, 2023, the North Campus of the University of Delhi hosted the 65th Annual Flower Show, wherein the Shaheed Rajguru College had set up a stall showcasing the numerous species of mushrooms grown in the campus. It was visited by the honorable Vice Chancellor of the University, Prof. Yogesh Singh and other dignitaries.



4. CENTENARY CELEBRATIONS OF UNIVERSITY OF DELHI – 2023

On June 30, 2023, the University of Delhi celebrated ‘100 YEARS OF EXCELLENCE’ wherein the Shaheed Rajguru College was given an opportunity to showcase our projects in front of our respected Prime Minister, Mr. Narendra Modi.

