



MUSHROOM CULTIVATION CERTIFICATE COURSE AND FACULTY DEVELOPMENT PROGRAM

Organized by

**Department of Microbiology, Shaheed Rajguru College of Applied Sciences for Women
and**

Enactus, Shaheed Rajguru College of Applied Sciences for Women

in association with

Microbiologists Society, India

The session will be conducted in hybrid (online and offline) mode*

*Offline sessions will only be at periodic intervals

Registrations Open!
**Program starting in the first week of
October, 2023**

Contact us:

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For registering contact the above mentioned numbers.



ABOUT THE INSTITUTION

Shaheed Rajguru College of Applied Sciences for Women is one of the most coveted colleges of University of Delhi. It aims to change lives, build future, impart technical expertise and improve industrial links through high quality applied learning. The Department of Microbiology has been organizing 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. Enactus Shaheed Rajguru is engaged in marketing of the mushroom produce under Project Green Haven. It aims to introduce fresh and organic mushrooms in the market. It also imparts knowledge about market awareness and entrepreneurial skill development facilitating the participants to venture into opening their mushroom cultivation start-ups.

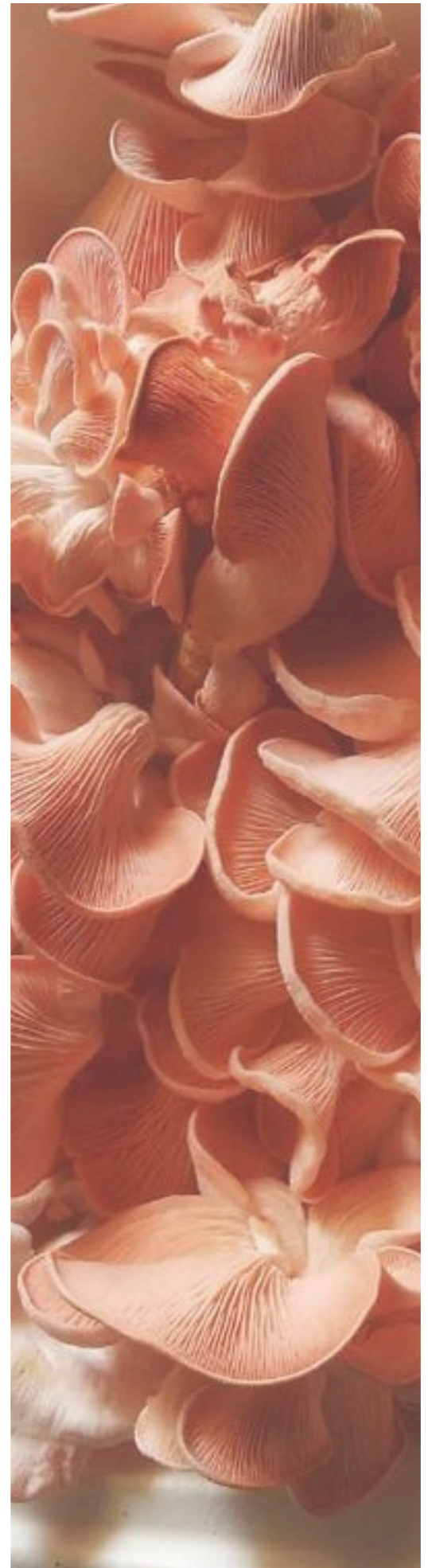
The **Microbiologists Society of India (MSI)** was established in March 1996 in the Satara district of Maharashtra. It is led by Prof. Deshmukh who is the national president of the society. It aims to popularize microbiology as a subject in educational institutions as well as to educate the common man about the importance of microbiology in our daily lives. It supports conferences, seminars, symposia, exhibitions, and meetings on any aspects of Microbiology. The society also encourages and supports research in microbiology.

Registrations open. Classes starting soon.
For more queries contact us on richa.sharma@rajguru.du.ac.in

ABOUT THE PROGRAM

The Department of Microbiology alongwith Enactus Rajguru, under Project Green Haven, is organizing a Certificate Course and Faculty Development Program on Mushroom Cultivation. It aims to populaize mushroom cultivation and consumption amongst masses by imparting quality knowledge, and training about fundamentals of mushroom growth.

- The attendees will learn how to- determine the preferred conditions for growing various types of mushrooms such as button mushroom, oyster mushroom and king oyster mushroom.
- Develop an appropriate compost for growing chosen mushrooms.
- Learn about the process of spawning
- Explain the use of casing in mushroom production
- Learn optimum farming techniques
- Identify and devise resources for mushroom cultivation
- Enhance entrepreneurial skills
- Develop network with other mushroom growers and institutions



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SNIPPETS FROM MUSHROOM CULTIVATION PROGRAM 2022

The mushroom cultivation program is back after huge success since its inception! In 2022, 30+ people from different backgrounds joined us!



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TESTIMONIALS FROM MUSHROOM CULTIVATION PROGRAM 2022

It was a well organised and a wonderful session yesterday in the college. Thanks team Enactus and all the faculty of the college for a knowledgeable session.

Dr. Gurjeet Kaur

"Shaheed Rajguru College of Applied Sciences for Women has provided me with the opportunity to cultivate organic mushrooms, to promote healthy eating, and to gift mushrooms made with love and dedication to others."

-Ms. Monica Tyagi

1:33 PM

Very memorable course everyone, hugely grateful to the Organising Team.

Thank you to the entire faculty for clearing all our doubts with such expertise. 🙏🏻

Rishabh Vashisht

It was a great experience indeed.

Very informative session which also cleared a lot of the doubts I had accumulated during the online sessions..

Plus the three pups, the kitten et al were like tiny cherries on top 🥺❤️

"I would like to express my appreciation for the opportunity given to me to grow mushrooms on my own. The Microbiology Department of Shaheed Rajguru College of Applied Sciences helped me in gaining valuable knowledge."

-Ms. Shobha

Edited 12:59 PM

Jatin Khandodiya

thank you for such a wonderful session it was, let me say this is one of the most terrific training i have attended.



HIGHLIGHTS 2022

Mushroom showcase at DU Centenary Celebrations, visited by Honorable Prime Minister



'Best ideas, best leaders should come from here'

Ashna Butani
letters@hindustantimes.com

NEW DELHI: Prime Minister Narendra Modi on Friday attended the valedictory ceremony of Delhi University's centenary celebrations and laid the foundation stone for three new buildings at the varsity.

"The world's best ideas and the world's best leaders should come from here... For this, you need to work continuously. But in the middle of all this change, you don't change completely. Some things should remain the same, such as Patel Chesti ki chai in North Campus and Chanakya ke momos in South Campus," Modi said during his address at the multipurpose hall of DU's sports complex.

Modi said, "DU has completed 100 years at a time when India is celebrating 75 years of Independence. For any country, its educational institutions are a true reflection of its achievements. Delhi University has had many historical milestones in these 100 years... So many professors, students have been involved. In a way, Delhi University has been a movement, not just a university."



Prime Minister Narendra Modi at the valedictory ceremony of centenary celebrations of DU on Friday.

AT DU, PM MODI LAYS FOUNDATION STONE FOR THREE NEW BUILDINGS

HT Correspondent
letters@hindustantimes.com

NEW DELHI: Prime Minister Narendra Modi on Friday laid the foundation stone for three new buildings at Delhi University—the faculty of technology, a computer centre, and an academic block. The buildings are expected to come up in the varsity's North Campus at different junctures in 2024.

The faculty of technology, with a project cost of ₹195.85 crore, is expected to be completed by November 2024. DU registrar Vikas Gupta said, "Our new BTech programmes are beginning this academic year. We have located a temporary campus for now, but a facility will require separate facilities. This building should be completed over the next 18 months or so."

Earlier this month, the university's executive council had approved BTech degree in computer science and engineering, electronics and communication engineering, and electrical engineering.

Anupam Srivastava from DU's engineering department said the building will have ground floor and seven floors. Meanwhile, the academic block, which will come up in Maurice Nagar, is being built at a cost of ₹329.3 crore and expected to be ready by November 2024. Separately, the computer centre is expected to be completed in May 2024 and expected to cost ₹87.29 crore.

Two other projects, both for boys and girls—has been proposed inside DU Complex.

"After 25 years, when the country completes 100 years of Independence, Delhi University will celebrate 125 years," Modi said, adding that the goal is to build a developed India by 2047.

Hundreds of students and teachers were present in the multiple hall, and the Prime Minister's half-an-hour speech was also virtually viewed thousands of DU students at their respective colleges.

Modi arrived at the university by using the Yellow Line of the Delhi Metro, boarding the train from the Lok Kalyan Marg Metro station at around 10.35 am and getting off at Vishwavidyalaya. During his speech, he alluded to his Metro ride, saying, "Today, just like you, I reached the campus via the Delhi Metro while chatting with my friends."

Modi also spoke about the progress in the field of education made in the last few years, and noted that the gender ratio in colleges is improving rapidly. He said that IITs are the world's best institutions.

University Ranking has risen rapidly over the years, and said that the National Education Policy (NEP) 2020, was implemented with the help of "collective efforts".

Speaking about Indian Institutes of Management (IIMs), Indian Institutes of Technology (IITs) and All India Institutes of Medical Sciences (AIIMS), he said institutes are the "building blocks of new India".

Two minutes before Modi entered the hall, the audience was asked to stand up. Once he arrived, he was met with chants of "Jai Shri Ram".

The Prime Minister was welcomed by DU vice-chancellor Yogesh Singh, who said, "Today is special for two reasons—first, Delhi University has completed 100 years... in these 100 years, Delhi University reached every house in Delhi, every tehsil and every district of the country. The second reason is that Narendra Modi, who has taken the post of PM to new heights, is present with us today..."

Union education minister Dharmendra Pradhan, who was a special guest at the event, said, "Earlier, education meant degrees and degrees meant jobs. But now, students want more..."

After his speech, Modi viewed some exhibits set up by students in the basement of the multipurpose hall. Rupa Pandey, who was at the Mars Rover stall set up by the Kiriori Mal College, said, "The Prime Minister stopped here and asked us if it is actually capable of going to Mars, and we said yes. It was quite exciting."

Rekha Mehrotra, a professor at Shaheed Rajguru College of Applied Sciences for Women, said, "Modi also stopped by the microbiology department's stall. He stopped for a few seconds and looked at the button mushroom which students have grown on campus. The students have been quite excited," said Mehrotra.

From space device to 3D printing, DU colleges showcase projects for PM visit

Shradha Chetri@timesgroup.com

New Delhi: A machine called the Mars Rover which the students of Kiriori Mal College proudly explained was capable of going to Mars, an air purifier building by Hindu College students, mushroom cultivation undertaken by Shaheed Rajguru College of Applied Sciences and 3D printing were some of the projects that Delhi University colleges showcased for Prime Minister Narendra Modi during his visit to North Campus on Friday.

While 16 colleges had been selected for the exhibition, 25 others had put up posters documenting their journey and achievements.

Union education minister Dharmendra Pradhan operated the Mars Rover as the PM enquired of the students whether it could actually go to Mars. Having satisfied the guests about the capabilities of the device, physics students Ravi Kant Verma and Priyanshi Khandeal, who are members of KMC's robotics club, remembered, "The PM was very curious about the model we built. We operated it and showed him all its functions, among them its 360-degree camera and its facility to dig into the soil." The rover had won a prize at NASA's University Rover Challenge.

Next to this space device was the air purifier built by the students of Hindu College which has been tested and approved by American Innovation centre, SRI. The students of Acharya Narendra Dev College had 3D-printed pictures of Modi and DU vice-chancellor...

While Ramjas College put on display the fossils they had created and products they made of water hyacinth, Shri Ram College of Commerce displayed a photo of Modi when he was the chief minister of Gujarat and had visited the college in February 2013 for a business conclave.

The PM took us 17 hours to prime," said Ankush Rana, an electronics student. "We have also created an optical chopper 3D printing helped cut the cost of the chopper to Rs 5,000 from its usual price of Rs 80,000."

Acharya Narendra Dev also has the Instart Foundation, an incubation centre that has assisted 16 companies, six of them from the college itself. The college invested around Rs 60 lakh in the college projects and has generated substantial revenues.

Shaheed Rajguru College of Applied Sciences had put on show fungi like button, pink oyster, king oyster and shiitake mushrooms as well as cranberry and fig grown by the institution as part of the Project Green Haven begun in 2020. The project has generated Rs 2.25 lakh in revenue and helped around 20,680 people. There was also a display on different millet crops. A college teacher, who interacted with Modi, said, "We also have an immunity booster that costs about Rs 3.5 lakh. We showed it to the PM."



INVITED STALL IN UNIVERSITY FLOWER SHOW VISITED BY THE VICE CHANCELLOR, PROF. YOGESH SINGH AND OTHER DIGNITARIES



Registrations open. Classes starting soon.
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MUSHROOM CULTIVATION PROGRAM SUCCESS EVENT 2022



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COURSE COMPONENTS

- **Introduction to Mushrooms:** Understanding the biology and diversity of edible mushrooms.
- **Health Benefits of Mushrooms:** Nutritional value and medicinal features of mushrooms.
- **Cultivation of Mushrooms:** Cultivation techniques for button, white oyster, pink oyster, blue oyster and king oyster mushrooms.
- **Troubleshooting:** Problem solving for issues related to compost preparation, spawning, cultivation and storage of mushrooms.
- **Marketing of Mushrooms:** Entrepreneurial techniques and skill development to market mushrooms.

LEARNING OUTCOMES

Learn from field experts

Get equipped with vast knowledge
about mushroom cultivation

Learn hands-on skills of cultivation of
variety of mushrooms

Spread the knowledge, use it for
personal purposes, research and
entrepreneurial ventures.

Gaining insights into entrepreneurial
set- up

Key Takeaways

01

Hands on Experience in
Mushroom Cultivation

02

Effective and Efficient
Farming Techniques

03

Entrepreneurial Skills

04

Certificate



ELIGIBILITY CRITERIA

The course is available for everyone who loves to grow mushrooms

- UG/PG Students
- Researchers/ Scholars
- Farmers
- Cultivation Enthusiasts
- Mushroom Enthusiasts
- Homemakers or Women who want to become financially independent

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REGISTRATION FEES



- **INR 3000**
for Faculty Members
- **INR 2000**
for Research Scholars
- **INR 1000**
for Homemakers & Domestic
(includes farmers and
layman)
- **INR 500**
for Students (includes
Colleges and Universities)
- 10% waiver for NGOs, Organizations
providing group participants.
- 10% waiver on Early Birds

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REGISTRATION PROCESS

- **STEP 1:**
www.rajgurucollege.com
- **STEP 2:**
Click on "Online Payments" (Quick links and Right Top of Page)
- **STEP 3:**
Click on "Workshop/Seminar/Conference Fee"
- **STEP 5:**
Fill all information and amount
- **STEP 6:**
Proceed
- **STEP 7:**
Complete the registration by filling this form:
https://docs.google.com/forms/d/e/1FAIpQLSftjl1pf5x5RPVVCxcRWWkYoM2mQdlpTmOjHe46ZwUXqFaJFQ/viewform?usp=sf_link

**IN REMARKS,
PLEASE FILL "MUSHROOM COURSE"**

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For more queries contact us on rajguruenactus@gmail.com

ORGANIZING COMMITTEE

Patron:

Prof. (Dr.) Payal Mago

Convenor :

Dr. Rekha Mehrotra

Ms. Tanusha Jain

Faculty Organizers :

Dr. Bimla Pawar

Dr. Kohinoor Kaur

Dr. Richa Sharma

Dr. Aarti Yadav

Dr. Preeti Verma

Student Coordinators:

Ms. Rishima Aneja

Ms. Harshita

Ms. Gunjan Khanna

Ms. Ridhi Malhotra

Ms. Saloni Shukla

Ms. Mrinalini Jha

Ms. Swarna Jha

Ms. Mansi Sharma

Ms. Nidhi Shree

Ms. Samiksha Sharma