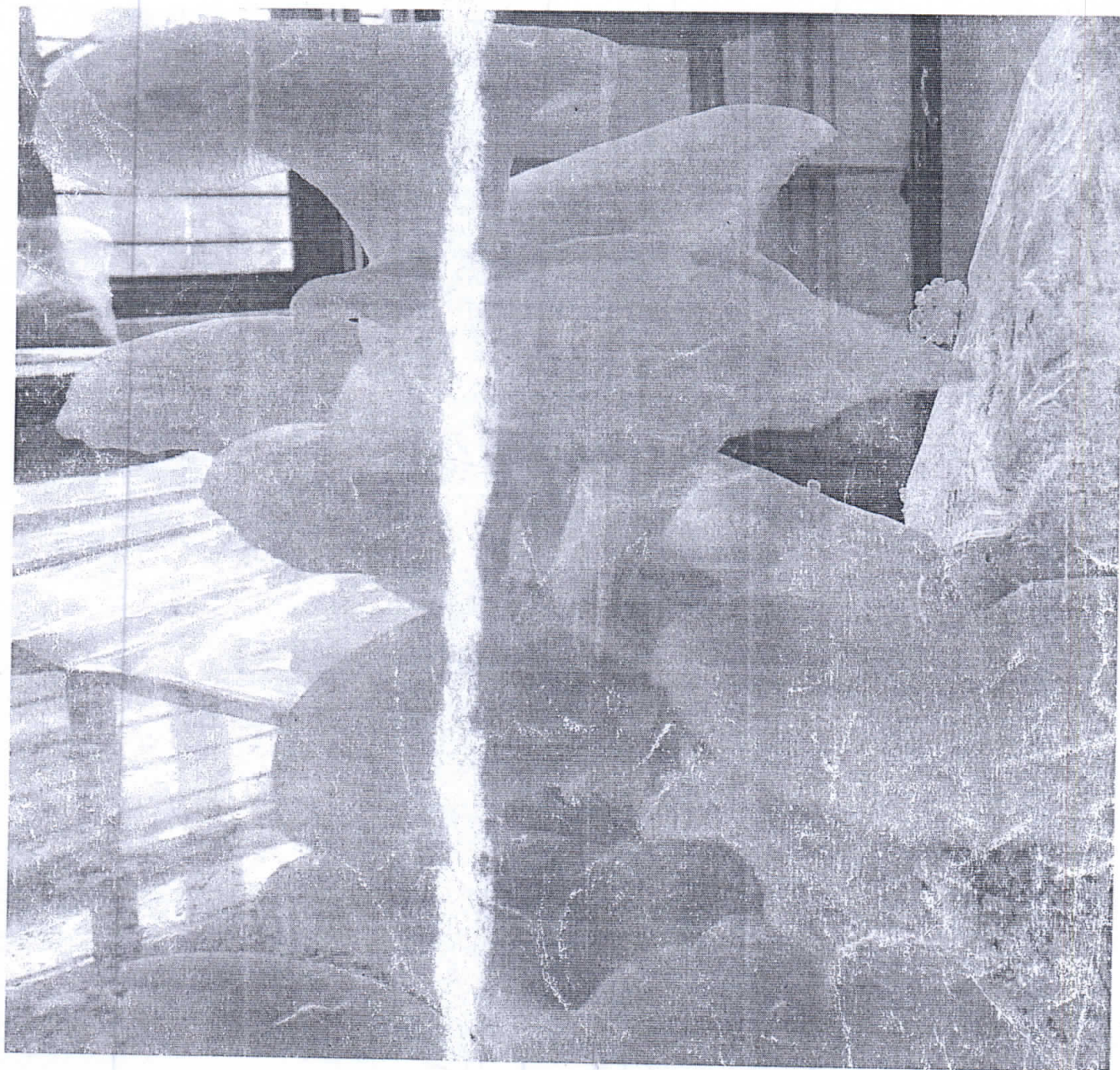


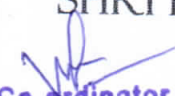
1.2.2.8.2.3

22-23

CERTIFICATE COURSE
ON
Scientific Cultivation of Mushroom



OFFERED BY
DEPARTMENT OF AGRICULTURE
SHRI RAM COLLEGE, MUZAFFARNAGAR


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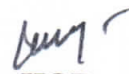
Permission letter

To
The Director
SRC, Muzaffarnagar

Subject: Permission for conduct a training program on **"Scientific cultivation of Mushroom"**

I am writing this letter to allow for conducting a training program on empowerment of students through livestock technology from 01.09.2022 to 30.11.2022 at 03:45 to 04:45. This will be beneficial for students so that they may use the knowledge for their service or their own startups. Kindly present us for the same.

Date: 16.08.2022


HOD

**Department of Agriculture
Shri Ram College, Muzaffarnagar**

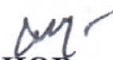

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Notice

Date: 16/08/2022

This is hereby informed to all agriculture department students that a program on "Scientific cultivation of Mushroom" will be organized by Agriculture Department on 01/09/2022 to 30/11/2022 at 03:45 to 04:45. All the concern students are required to reach in the department of Agriculture as per schedule date to attend the trainee.


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Shri Ram College, Muzaffarnagar


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Letter

Date: 16/08/2022

This is hereby informed to all the faculty of college of SRC that an Addon programme on **"Scientific cultivation of mushroom"** will be organized by Agriculture Department during 01/09/2022 to 30/11/2022 at 03:45 to 04:45. The responsibility to conduct the programme is given to Mr. Suraj Singh, Assistant Professor Department of Agriculture. All the faculties are requested to support to Mr. Suraj Singh for the programme.


25/11/23
Director

Shri Ram College, Muzaffarnagar

CC:

All HoD

IQAC Coordinator


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“SCIENTIFIC CULTIVATION OF MUSHROOM,



About the Mushroom: Mushroom are a type of fungi that are now gaining super food status, as they are loaded with some of the most potent nutrients on the planet. Mushrooms represent microbial technology that recycles

agricultural residues into food and manure. It is solid state fermentation system in which crop residues are converted into valuable food rich in microbial protein

Aim:

1. New Horizons for Landless and Jobless Youth.
2. Establishment of mushroom unit.

Objectives:

- To create awareness about the Mushroom among people.
- To demonstrate the production Technology to participants.
- To evaluate the economics of Mushroom cultivation.

Medicinal Values: Mushrooms have been shown to promote immune function; boost health; lower the risk of cancer; inhibit tumor growth; help balancing blood sugar; ward off viruses, bacteria, and fungi.

Health benefits of mushroom:

- Lower bad cholesterol levels
- Boosts bone mineral density
- Helps prevent osteoporosis & arthritis
- Protects against cancer
- Helps prevent anemia

- Regulates insulin levels in body
- Protect hair, nails & teeth
- Helps lower blood pressure

Work Plan: Project will start on the basis of Mushroom Cultivation for Income Generation. First to create awareness about the Mushroom among people. Second step to demonstrate the production technology to participants. Third step of project will evaluate the economy of Mushroom cultivation.

Mushroom Cultivation Technology:

- Conventional Method
- Improved cage Cultivation
- Outdoor Method
- Indoor Method
- Circular Method
- Indigenous Chinese Cultivation Practic

Cultivation of Oyster mushroom:

The oyster mushrooms can be grown indoors in cropping house where a temperature of 25-30 °C and relative humidity of 80-85 per cent can be maintained.

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- Paddy straw is used as the raw substrate which has to be soaked in water for 4 hours and boiled or steamed in autoclave for 45 minutes and shade dried until 65-70% moisture.
- Cylindrical beds are prepared using 60x30 cm polythene bags with a thickness of 80 gauge.
- Paddy straw and spawn are filled as alternate layers in polythene bags and 10-12 holes are made in the beds.
- The bags are placed in the cropping house/shed in racks or in hanging rope system. After 15-16 days when the paddy straws in the bags are covered with white mycelia growth, pinheads start emerging where water spray is essential to prevent drying of buds.
- First harvest begins from 3-4 days after in head emergence and likewise at 5- 7 days interval three harvests can be done.
- Total cropping cycle is around 40-45 days.

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- The average bio efficiency ranges (100-150 per cent) depending on the variety.

Cultivation of Milky mushroom: The milky mushroom requires a temperature of 30-35°C and relative humidity of 85-90 per cent. For cultivation of this mushroom two shed are needed.

- Thatched shed / cropping house (28±2°C) for Spawn running.
- A sunken blue poly house
- ~~Thirteen feet deep pit is dug out and~~ sides are lined with hollow blocks and semicircular structure is built with GI pipe of Langley and covered with Blue silpaulin sheet.
- Paddy straw is processed as in oyster mushroom cultivation and cylindrical beds are prepared with 90x30 cm polythene bags and stored at 30 °C in thatched sheds (spawn running room).
- After 18-20 days when the paddy straws in the bags are covered with white mycelial growth, the beds are cut in to two halves and casing soil (autoclaved garden soil) is layered

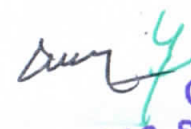
on to the cut halves for 2 cm height and sprayed with water.

- The cased beds are placed in poly houses and the required temperature is maintained.
- The pinheads emerge from the cut halves over the casing soil on 25-26th day.
- First harvest begins on 28th day and likewise three- five harvests can be done. The total cropping cycle is around 45-50 days. The average bio efficiency ranges from 150-160 per cent.

Contacts:

Dr. Ashok Kumar Dean Agriculture
 Dr. Nayeem Ali (HOD) 9412192801
 Mr. Suraj Singh (Cordinator)
 9558673601 sinrishabh24@gmail.com
 Dr. Vikrant Kumar (Sub-Cordinator)
 9793729323 vkvk6096@gmail.com

DEPARTMENT OF AGRICULTURE
SHRI RAM COLLEGE,
MUZAFFAR NAGAR-251001

 **Chairman**
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Course Content:

Syllabus/Program: SCHEME

"Scientific cultivation of Mushroom" as one of the Certificate Course for B.Sc Agriculture Students

Proposed distribution of the course structure

Lesson Structure

There are 5 units as follows:

1. Mushroom morphology

Different parts of a typical mushroom & variations in mushroom morphology. Key to differentiate Edible from Poisonous mushrooms.

2. Mushroom Cultivation:

Collection of raw materials, compost & posting, spawn & spawning, casing & case run, cropping & crop management, picking & packing. Visit to relevant Labs/Field Visits

3. Mushroom Classification:

Natural Habitats-Humicolous, Lignicolous & Coprophilous, Color of spores- white, yellow, pink, purple brown & black, Morphology- fruiting layers exposed to air, fruiting layers not exposed to air, plants with predominantly pitted cap, can saddle shape & saucer shape, Structure and texture of fruit bodies-gilled fungal & pore fungal, Fruit bodies and spores- Ainsworth et al (1973) classification. Recent Classification- 8th edition of Ainsworth & Bisby's 'Dictionary of Fungi'

4. Nutrient Profile of Mushroom

Protein, amino acids, calorific values, carbohydrates, fats, vitamins & minerals.

5. Health benefits of Mushroom:

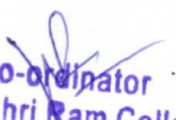
Antiviral value, antibacterial effect, antifungal effect, anti-tumour effect, haematological value cardiovascular & renal effect, in therapeutic diets, adolescence, for aged persons & diabetes mellitus.

90 days and 90 Hours Course hour as resting in any working day. Certificate programme time is 03:45 AM to 4:45 PM.

Date: 16.08.2022


HOD

Department of Agriculture
Shri Ram College, Muzaffarnagar

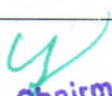

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List of Enrolled Students in "Scientific cultivation of Mushroom" 01.09.22 to 30.11.22

S. NO.	STUDENTS NAME	FATHER NAME
1	AMAN KUMAR THAKUR	HARSHIV THAKUR
2	ANIKET KUMAR	KADAM SINGH
3	ANJALI KUMARI	GHANSHYAM DAS
4	ANKIT KUMAR	MUKESH PANDIT
5	ANKUSH KUMAR	CHAITU MANDAL
6	ANTIMA KUMARI	HARENDRA PRASAD
7	ANURAG	GANGAVEER
8	ARYAN MALIK	NARAYAN SINGH
9	ASHISH PAL	SUBHASH
10	BABLU KUMAR	BIJENDRA MANDAL
11	BHAIRAV KUMAR	SHIVGANGA KUMAR
12	BRAJESH KUMAR	ASHOK KUMAR YADAV
13	CHANDAN KUMAR	VIJAY YADAV
14	CHANDAN KUMAR	VIJENDRA SAH
15	CHHOTI KUMARI	MANOJ KUMAR
16	CHINTU VERMA	SHAILENDRA KUMAR VERMA
17	DHARMENDRA KUMAR	RAMBILASH SAH
18	DHARMENDRA KUMARV	YOGENDRA PRASAD YADAV
19	DHIRAJ KUMAR	MOHAN SHAH
20	DIVAKAR KUMAR	ANIL KUMAR
21	HARSH	UPENDRA KUMAR ANAND
22	HARSH KUMAR	SHAILENDRA KUMAR
23	HARSH RAJ	RAM RAJEE SAHV
24	INDRA BHUSHAN KUMAR	BAIDYA NATH SINGH
25	JAY LALITA	RAVINDRA KUMAR


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26	JAY PRAKASH	AJAD PRASADV
27	JYOTI KUMARI	CHANDESHWAR PANDIT
28	KAIF TYAGI	HALEEM TYAGI
29	KASHIF	MOHD INAM
30	KHUSHI SINGH	SANJEEV KUMAR
31	KRITI LATA	NAGENDRA KUMAR PASWAN
32	KUMAR HARSH	BUBUL KUMAR
33	KUMARI RICHA BHARTI	RAVINDRA KUMAR PODDAR
34	LAKSHYA PANWAR	AMIT SINGH
35	LAXMAN KUMAR	DINANATH PASWAN
36	MANISH KUAMR	MANOJ RAM
37	MANISH KUMAR	MOHAN BHAGAT
38	MANISH RAJ CHAUHAN	CHANDRASHEKHAR KUMAR CHAUHAN
39	MD AFTAB	MD FIROZ
40	MD MEYAR ALAM	MD AMIULLAH
41	MD OSAMA RAHMAT	MD RAHMATULLAH
42	MOHD SHAHNOOR	ZIA ULHAQ
43	MONIKA SINGH	VIJAY SHANKAR SINGH
44	MUKESH KUMAR	RAMVALLAM SINGH
45	NAMRTA RAJ	HEMANT THAKUR
46	NAUSHAD ALAM	KHURSHID ALAM
47	NAVEEN KUMAR	SHAMBHU MAHTO
48	NAVNIT RAJ	CHANDRA SHEKHAR SAH
49	NIDHI KUMARI	RAJESHWAR KUMAR YADAV
50	AMAN KUMAR THAKUR	HARSHIV THAKUR


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 Muzaffarnagar


 Chairman
 IQAC, Shri Ram College,
 Muzaffarnagar

Attendance list of participated student in "Scientific cultivation of Mushroom" 01.09.2022 to 20.09.2022

S. NO.	STUDENTS NAME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	AMAN KUMAR THAKUR	P	P	P		P	A	P	P	P	P		P	P	P	P	A	P		P	CL
2	ANIKET KUMAR	P	P	P		P	P	P	P	P	A		P	P	P	P	P	P		P	
3	ANJALI KUMARI	P	P	P		P	P	P	P	P	P		P	P	A	P	P	P		P	
4	ANKIT KUMAR	P	P	A		P	P	P	P	P	P		P	P	P	A	P	P		P	
5	ANKUSH KUMAR	P	P	P		P	P	P	P	P	P		P	P	P	A	P	P		P	
6	ANTIMA KUMARI	P	P	P		P	P	A	P	P	P		P	A	P	P	P	P		P	CL
7	ANURAG	P	A	P		P	P	P	P	P	A		P	P	P	P	A	P		P	
8	ARYAN MALIK	P	P	A		P	P	P	A	P	P		P	P	A	P	P	P		P	
9	ASHISH PAL	P	P	P		P	A	P	P	P	P		P	P	A	P	P	P		P	
10	BABLU KUMAR	P	P	P		P	A	P	P	P	P		P	P	P	A	P	P		P	
11	BHAIRAV KUMAR	P	A	P		P	P	P	P	P	P		P	P	P	A	P	P		P	CL
12	BRAJESH KUMAR	A	P	P		P	P	P	P	A	P		P	P	P	P	A	P		P	
13	CHANDAN KUMAR	P	P	P		A	P	P	P	P	P		P	A	P	P	P	P		P	
14	CHANDAN KUMAR	P	P	P		P	P	P	A	P	P		P	P	A	P	P	P		P	
15	CHHOTI KUMARI	P	P	P		P	A	P	P	P	P		P	P	P	P	A	P		P	
16	CHINTU VERMA	P	A	P		P	P	P	P	P	P		A	P	P	P	P	P		P	
17	DHARMENDRA KUMAR	P	P	P		A	P	P	P	P	A		P	P	A	P	P	P		P	CL
18	DHARMENDRA KUMAR	P	A	P		P	P	A	P	P	P		P	P	P	P	P	P		A	

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Muzaffarnagar

Attendance list of participated student in "Scientific cultivation of Mushroom" 01.09.2022 to 20.09.2022

19	DHIRAJ KUMAR	1 ^p	2 ^p	3 ^A	4 ^p	5 ^p	6 ^p	7 ^p	8 ^p	9 ^p	10 ^p	11	12 ^p	13 ^p	14 ^p	15 ^p	16 ^p	17 ^p	18 ^p	19 ^p	20 ^{CL}
20	DIVAKAR KUMAR	p	A	p	p	p	A	p	p	p	p	1	p	p	p	A	p	p	p	p	CL
21	HARSH	p	p	p	p	p	p	p	p	p	A	p	p	p	p	p	p	p	p	p	
22	HARSH KUMAR	p	p	p	p	A	p	p	p	p	p	p	p	p	A	p	p	p	p	p	
23	HARSH RAJ	p	p	p	p	p	p	A	p	p	p	p	p	p	p	p	p	A	p	p	
24	INDRA BHUSHAN KUMAR	p	p	p	p	p	p	p	p	A	p	p	p	p	p	p	p	p	p	p	
25	JAY LALITA	p	p	p	p	p	p	A	p	p	p	p	p	p	A	p	p	p	p	p	
26	JAY PRAKASH	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	
27	JYOTI KUMARI	p	p	A	p	p	p	p	p	A	p	p	p	p	p	p	p	p	p	p	
28	KAIF TYAGI	p	A	p	p	p	p	A	p	p	p	p	p	p	p	p	p	p	p	p	CL
29	KASHIF	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	
30	KHUSHI SINGH	p	p	p	p	p	A	p	p	p	p	p	p	p	p	p	p	p	p	p	
31	KRITI LATA	p	A	p	p	p	p	A	p	p	p	p	p	p	A	p	p	p	p	p	
32	KUMAR HARSH	p	p	p	p	p	A	p	p	p	p	p	p	p	p	p	p	p	p	p	
33	KUMARI RICHA BHARTI	p	p	A	p	p	p	p	p	p	p	p	p	p	A	p	p	p	p	p	
34	LAKSHYA PANWAR	p	A	p	p	p	p	A	p	p	p	p	p	p	A	p	p	p	p	p	CL
35	LAXMAN KUMAR	p	p	p	p	A	p	p	p	p	p	p	p	p	p	p	p	p	p	p	

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Muzaffarnagar

Attendance list of participated student in "Scientific cultivation of Mushroom" 01.09.2022 to 20.09.2022

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
36	MANISH KUAMR	P	A	P	S	P	P	P	P	P	P	S	P	A	P	P	P	P	S	P	CL
37	MANISH KUMAR	P	P	P		P	P	P	A	P	P		P	P	P	P	P	A		P	
38	MANISH RAJ CHAUHAN	P	A	P		P	P	P	P	P	A		P	P	P	A	P	P		P	
39	MD AFTAB	P	P	A		P	P	A	P	P	P		P	P	P	P	A	P		P	
40	MD MEYAR ALAM	P	A	P		P	A	P	P	P	A		P	P	P	A	P	P		P	
41	MD OSAMA RAHMAT	P	P	P		P	P	P	A	P	P		P	P	P	P	P	A		P	
42	MOHD SHAHNOOR	P	A	P	S	P	P	P	P	A	P	S	P	P	P	P	A	P	S	P	CL
43	MONIKA SINGH	P	P	P	N	P	P	P	P	P	P	N	P	P	P	P	P	P	N	P	
44	MUKESH KUMAR	P	P	P	A	P	P	P	P	P	A	A	P	P	P	P	P	P	A	P	
45	NAMRTA RAJ	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P		P	
46	NAUSHAD ALAM	P	P	P		P	P	P	P	P	P		A	P	P	P	P	P		P	
47	NAVEEN KUMAR	P	P	P		P	P	A	P	P	P		P	P	P	P	P	P		P	
48	NAVNIT RAJ	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P		P	
49	NIDHI KUMARI	P	P	P		P	P	P	P	P	P		P	P	P	P	A	P		P	CL
50	AMAN KUMAR THAKUR	P	P	P		P	P	P	P	A	P		P	P	P	P	P	P		P	

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Attendance list of participated student in "Scientific cultivation of Mushroom" 21.09.2022 to 09.10.2022

S. NO.	STUDENTS NAME	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	
1	AMAN KUMAR THAKUR	P	P	P	P	S	P	P	P	P	P	P	S	P	P	P	P	P	P	S	
2	ANIKET KUMAR	P	P	A	P		P	P	P	P	P	P		P	P	P	P	P	P		
3	ANJALI KUMARI	P	P	P	P		P	P	P	P	P	P		P	P	P	P	A	P		
4	ANKIT KUMAR	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P		
5	ANKUSH KUMAR	P	P	P	P		P	P	P	P	A	P		P	P	P	P	P	P		
6	ANTIMA KUMARI	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P		
7	ANURAG	P	P	P	P		P	P	P	P	P	P	S	P	P	P	P	P	P	S	
8	ARYAN MAIK	P	P	P	P	S	P	P	P	P	P	P	N	P	P	P	P	P	P	N	
9	ASHISH PAL	P	P	P	P	N	P	P	P	A	P	P	A	P	P	P	P	P	P	A	
10	BABLU KUMAR	P	P	P	P	A	P	P	P	P	P	P		P	P	P	P	P	P		
11	BHAIRAV KUMAR	P	P	P	P	Y	P	P	P	P	P	P		P	P	P	P	P	P		
12	BRAJESH KUMAR	P	P	P	P		P	A	P	P	P	P		P	P	P	P	P	P		
13	CHANDAN KUMAR	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P		
14	CHANDAN KUMAR	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P		
15	CHHOTI KUMARI	P	P	P	P		P	P	P	P	P	P		P	P	A	P	P	P		
16	CHINTU VERMA	P	P	A	P		P	P	P	P	P	P		P	P	P	P	P	P		
17	DHARMENDRA KUMAR	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P		
18	DHARMENDRA	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P		

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Attendance list of participated student in "Scientific cultivation of Mushroom" 21.09.2022 to 09.10.2022

		21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	
	KUMARV	P	A	P	P	S	P	P	P	P	P	P	S	P	P	P	P	P	P	S	
19	DHIRAJ KUMAR	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P		
20	DIVAKAR KUMAR	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P		
21	HARSH	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P		
22	HARSH KUMAR	P	P	P	P		P	P	P	P	A	P		P	P	P	P	P	P		
23	HARSH RAJ	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P		
24	INDRA BHUSHAN KUMAR	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P		
25	JAY LALITA	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P		
26	JAY PRAKASH	P	P	P	P		P	P	P	P	P	P	S	P	P	P	P	P	P	S	
27	JYOTI KUMARI	P	P	P	P	S	P	P	P	P	P	P	N	P	P	P	P	P	P	N	
28	KAIF TYAGI	P	P	P	P	D	P	P	P	P	P	P	A	P	P	P	P	P	P	A	
29	KASHIF	P	P	P	P	A	P	P	P	P	P	P		P	P	P	P	P	P		
30	KHUSHI SINGH	P	P	A	P		P	P	P	P	P	P		P	P	P	P	P	P		
31	KRITI LATA	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P		
32	KUMAR HARSH	P	P	P	P		P	P	P	P	P	P		P	A	P	P	P	P		
33	KUMARI RICHA BHARTI	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P		
34	LAKSHYA PANWAR	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P		

Co-ordinator
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Muzaffarnagar

Chairman
IQAC, Shri Ram College,
Muzaffarnagar

Attendance list of participated student in "Scientific cultivation of Mushroom" 21.09.2022 to 09.10.2022

		21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9
35	LAXMAN KUMAR	P	P	P	P	S	P	P	P	P	P	P	S	OL	OL	OL	P	P	P	S
36	MANISH KUAMR	P	P	P	P		P	P	P	P	P	P		NO	OL	OL	P	P	P	1
37	MANISH KUMAR	P	P	P	P		P	P	A	P	P	P		A	P	P	P	P	P	
38	MANISH RAJ CHAUHAN	P	P	P	P		P	P	P	P	P	P		P	A	P	P	P	P	
39	MD AFTAB	P	P	P	P		P	P	P	P	P	P		P	P	A	P	P	P	
40	MD MEYAR ALAM	P	P	P	P		P	P	P	P	P	P		P	A	P	P	P	P	
41	MD OSAMA RAHMAT	P	P	P	P		P	P	P	P	P	P		A	P	A	P	P	P	
42	MOHD SHAHNOOR	P	P	P	P	S	P	P	P	P	P	P		P	A	P	P	P	P	S
43	MONIKA SINGH	P	P	P	P	N	P	P	A	P	P	P	S	A	P	A	P	A	P	N
44	MUKESH KUMAR	P	P	P	P	A	P	P	P	P	P	P	N	P	A	P	P	P	P	D
45	NAMRTA RAJ	P	P	P	P		P	P	P	P	P	P	A	P	P	P	P	P	P	A
46	NAUSHAD ALAM	P	P	P	P		P	P	P	P	P	P		P	P	A	P	P	P	
47	NAVEEN KUMAR	P	P	P	P		P	P	P	P	P	P		A	P	P	P	P	P	
48	NAVNIT RAJ	P	P	P	P		P	P	P	A	P	P		P	P	A	P	P	P	
49	NIDHI KUMARI	P	P	P	P		P	P	P	P	P	P		A	P	P	P	P	A	
50	AMAN KUMAR THAKUR	P	P	P	P		P	P	P	P	P	P		P	A	P	P	P	P	

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Attendance list of participated student in "Scientific cultivation of Mushroom" 10.10.2022 to 30.10.2022

S. NO.	STUDENTS NAME	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	AMAN KUMAR THAKUR	P	P	P	P	P	P	S	P	P	P	P	P	P	S	HOLIDAY HOLIDAY HOLIDAY HOLIDAY					P	P
2	ANIKET KUMAR	P	P	P	P	P	P		P	P	P	P	P	P							P	P
3	ANJALI KUMARI	P	P	P	A	P	P		P	P	P	P	A	P							P	P
4	ANKIT KUMAR	P	P	P	P	P	P		P	P	P	P	P	P							P	P
5	ANKUSH KUMAR	P	P	P	P	P	P		P	P	P	P	P	P							A	P
6	ANTIMA KUMARI	P	P	P	P	P	P		P	P	P	P	P	P							P	P
7	ANURAG	P	P	P	P	P	P		P	P	P	P	P	P							P	P
8	ARYAN MALIK	P	P	P	P	P	P		P	P	A	P	P	P							P	P
9	ASHISH PAL	P	P	P	P	P	P		P	P	P	P	P	P							P	P
10	BABLU KUMAR	P	P	P	P	P	P		P	P	P	P	P	P							P	P
11	BHAIRAV KUMAR	P	P	P	P	P	P	SUNDAY	P	P	P	P	P	P	SUNDAY						P	P
12	BRAJESH KUMAR	P	P	P	P	P	P		P	P	P	P	P	P							P	P
13	CHANDAN KUMAR	P	A	P	P	P	P		P	P	P	A	P	P							P	P
14	CHANDAN KUMAR	P	P	P	P	P	P		P	P	P	P	P	P							A	P
15	CHHOTI KUMARI	P	P	P	P	P	P		P	P	P	P	P	P							P	P
16	CHINTU VERMA	P	P	P	P	P	P		P	P	P	P	P	P							P	P
17	DHARMENDRA KUMAR	P	P	P	P	A	P		P	P	P	P	P	P							P	P
18	DHARMENDRA	P	P	P	P	P	P		P	P	P	P	P	P							P	P

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Attendance list of participated student in "Scientific cultivation of Mushroom" 10.10.2022 to 30.10.2022

		10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
35	LAXMAN KUMAR	P	P	P	P	P	P	5	P	P	P	P	P	P	!	P	P	P	P	P	P	
36	MANISH KUAMR	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P	
37	MANISH KUMAR	P	P	A	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P	
38	MANISH RAJ CHAUHAN	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	A	P	P	
39	MD AFTAB	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P	
40	MD MEYAR ALAM	P	P	P	P	P	P		P	P	P	P	A	P		P	P	P	P	P	P	
41	MD OSAMA RAHMAT	P	P	P	P	P	P	SUN	P	P	P	P	P	P	SUN	P	P	P	P	P	P	SUN
42	MOHD SHAHNOOR	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	A	P	P	P	A
43	MONIKA SINGH	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P	
44	MUKESH KUMAR	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P	
45	NAMRTA RAJ	P	P	A	P	P	P		P	P	P	P	A	P		P	P	P	P	P	P	
46	NAUSHAD ALAM	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P	
47	NAVEEN KUMAR	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P	
48	NAVNIT RAJ	P	P	P	P	P	P		P	P	P	P	P	P		P	A	P	P	P	P	
49	NIDHI KUMARI	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P	
50	AMAN KUMAR THAKUR	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P	

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Attendance list of participated student in "Scientific cultivation of Mushroom" 31.10.2022 to 19.11.2022

S. NO.	STUDENTS NAME	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	AMAN KUMAR THAKUR	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P
2	ANIKET KUMAR	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P
3	ANJALI KUMARI	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P
4	ANKIT KUMAR	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P
5	ANKUSH KUMAR	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P
6	ANTIMA KUMARI	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P
7	ANURAG	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P
8	ARYAN MALIK	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P
9	ASHISH PAL	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P
10	BABLU KUMAR	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P
11	BHAIRAV KUMAR	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P
12	BRAJESH KUMAR	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P
13	CHANDAN KUMAR	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P
14	CHANDAN KUMAR	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P
15	CHHOTI KUMARI	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P
16	CHINTU VERMA	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P
17	DHARMENDRA KUMAR	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P
18	DHARMENDRA	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P

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Attendance list of participated student in "Scientific cultivation of Mushroom" 10.10.2022 to 30.10.2022

		10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
	KUMARV	P	P	P	P	P	P	S	P	P	P	A	P	P	S	P	P	P	P	P	P	S
19	DHIRAJ KUMAR	P	P	P	P	P	P		P	P	P	P	P	P					P	P	P	
20	DIVAKAR KUMAR	P	P	P	P	P	P		P	P	P	P	P	P					P	P		
21	HARSH	P	P	P	P	P	P		P	P	P	P	P	P					P	P		
22	HARSH KUMAR	P	P	P	P	P	P		P	P	P	P	P	P					P	P		
23	HARSH RAJ	P	P	P	P	P	P		P	P	P	P	P	P					P	P		
24	INDRA BHUSHAN KUMAR	P	P	P	A	P	P		P	P	P	P	P	P					P	P		
25	JAY LALITA	P	P	P	P	P	P	S	P	P	P	P	P	P					P	P		
26	JAY PRAKASH	P	P	P	P	P	P	D	P	P	P	P	P	P					P	P		
27	JYOTI KUMARI	P	P	P	P	P	P	A	P	A	P	P	P	P					P	P		
28	KAIF TYAGI	P	P	P	P	P	P		P	P	P	P	P	P					P	P		
29	KASHIF	P	P	P	P	P	P		P	P	P	P	P	P					P	P		
30	KHUSHI SINGH	P	P	A	P	P	P		P	P	P	P	P	P					P	P		
31	KRITI LATA	P	P	P	P	P	P		P	P	P	P	P	P					P	P		
32	KUMAR HARSH	P	P	P	P	P	P		P	P	P	P	A	P					P	P		
33	KUMARI RICHA BHARTI	P	P	P	P	P	P		P	P	P	P	P	P					P	P		
34	LAKSHYA PANWAR	P	P	P	P	P	P		P	P	P	P	P	P					P	P		

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Attendance list of participated student in "Scientific cultivation of Mushroom" 31.10.2022 to 19.11.2022

		30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	KUMARV																				
19	DHIRAJ KUMAR	P	P	A	P	P	P		P	P	P	P	P	P	S	A	P	P	P	P	P
20	DIVAKAR KUMAR	P	P	P	P	A	P		P	P	P	P	P	P		P	P	P	P	P	P
21	HARSH	P	P	P	P	P	P		P	P	P	P	P	A		P	P	A	P	P	P
22	HARSH KUMAR	P	P	A	P	P	P		P	P	P	P	P	P		P	P	P	P	A	P
23	HARSH RAJ	P	P	P	P	P	P		P	P	A	P	P	P		P	P	P	P	A	P
24	INDRA BHUSHAN KUMAR	P	P	P	P	P	P	S	P	P	P	A	P	P		P	P	P	P	P	P
25	JAY LALITA	P	A	P	P	P	P	V	P	P	P	P	P	P	S	P	P	P	P	P	P
26	JAY PRAKASH	P	P	P	P	A	P	N	P	P	P	P	P	P	V	P	A	P	P	P	P
27	JYOTI KUMARI	P	P	P	P	P	P	D	P	P	P	P	A	P	N	P	P	P	P	P	P
28	KAIF TYAGI	P	P	P	P	P	P	A	P	A	P	P	P	P	D	P	P	P	P	P	P
29	KASHIF	P	P	P	A	P	P	Y	P	P	P	P	P	P	A	P	P	P	P	P	P
30	KHUSHI SINGH	A	P	P	P	P	A		P	P	P	P	P	P	Y	P	P	P	P	P	A
31	KRITI LATA	P	P	P	P	P	P		A	P	P	P	P	P		P	P	P	P	P	P
32	KUMAR HARSH	P	P	P	P	P	P		P	P	A	P	P	P		P	P	P	P	P	P
33	KUMARI RICHA BHARTI	P	P	P	P	P	P		P	A	P	P	P	P		P	P	P	P	P	P
34	LAKSHYA PANWAR	P	P	P	P	P	P		P	P	P	A	P	P		P	P	P	P	P	A

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Attendance list of participated student in "Scientific cultivation of Mushroom" 31.10.2022 to 19.11.2022

		31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
35	LAXMAN KUMAR	P	P	P	P	P	P	S	P	P	P	P	P	P	S	P	P	P	P	P	P
36	MANISH KUAMR	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P
37	MANISH KUMAR	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P
38	MANISH RAJ CHAUHAN	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P
39	MD AFTAB	P	A	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P
40	MD MEYAR ALAM	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P
41	MD OSAMA RAHMAT	P	P	P	P	P	P	S	P	P	P	P	P	P	S	P	P	P	P	P	P
42	MOHD SHAJINCOR	P	P	P	P	P	P		P	P	A	P	P	P		P	P	P	A	P	P
43	MONIKA SINGH	P	P	P	P	P	P	N	P	P	P	P	P	P	N	P	P	P	P	P	P
44	MUKESH KUMAR	P	P	P	P	P	P		P	P	P	P	P	P	D	P	P	P	P	P	P
45	NAMRTA RAJ	P	P	P	P	P	P		P	P	P	P	P	P	A	P	P	P	P	P	P
46	NAUSHAD ALAM	P	P	P	P	P	P		P	P	P	P	P	P	Y	P	P	P	P	P	P
47	NAVEEN KUMAR	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P
48	NAVNIT RAJ	P	P	A	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P
49	NIDHI KUMARI	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P
50	AMAN KUMAR THAKUR	P	P	P	P	P	P		P	P	P	P	P	P		P	P	P	P	P	P

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Attendance list of participated student in “Scientific cultivation of Mushroom” 20.11.2022 to 30.11.2022

[illegible]

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Attendance list of participated student in "Scientific cultivation of Mushroom" 20.11.2022 to 30.11.2022

		20	21	22	23	24	25	26	27	28	29	30										
	KUMARV	S	P	P	P	P	P	P	S	P	P	P										
19	DHIRAJ KUMAR	P	P	P	P	P	P	P	P	P	P	P										
20	DIVAKAR KUMAR	P	P	P	P	P	P	P	P	P	P	P										
21	HARSH	P	P	P	P	P	P	P	P	P	P	P										
22	HARSH KUMAR	P	P	P	P	P	P	P	P	P	P	P										
23	HARSH RAJ	P	P	P	P	P	P	P	P	P	P	P										
24	INDRA BHUSHAN KUMAR	P	P	P	P	P	P	P	P	P	P	P										
25	JAY LALITA	S	P	P	P	P	P	P	P	P	P	P										
26	JAY PRAKASH	P	P	P	P	P	P	P	P	P	P	P										
27	JYOTI KUMARI	P	P	P	P	P	P	P	P	P	P	P										
28	KAIF TYAGI	P	P	P	P	P	P	P	P	P	P	P										
29	KASHIF	P	P	P	P	P	P	P	P	P	P	P										
30	KHUSHI SINGH	P	P	P	P	P	P	P	P	P	P	P										
31	KRITI LATA	P	P	P	P	P	P	P	P	P	P	P										
32	KUMAR HARSH	P	P	P	P	P	P	P	P	P	P	P										
33	KUMARI RICHA BHARTI	P	P	P	P	P	P	P	P	P	P	P										
34	LAKSHYA PANWAR	P	P	P	P	P	P	P	P	P	P	P										

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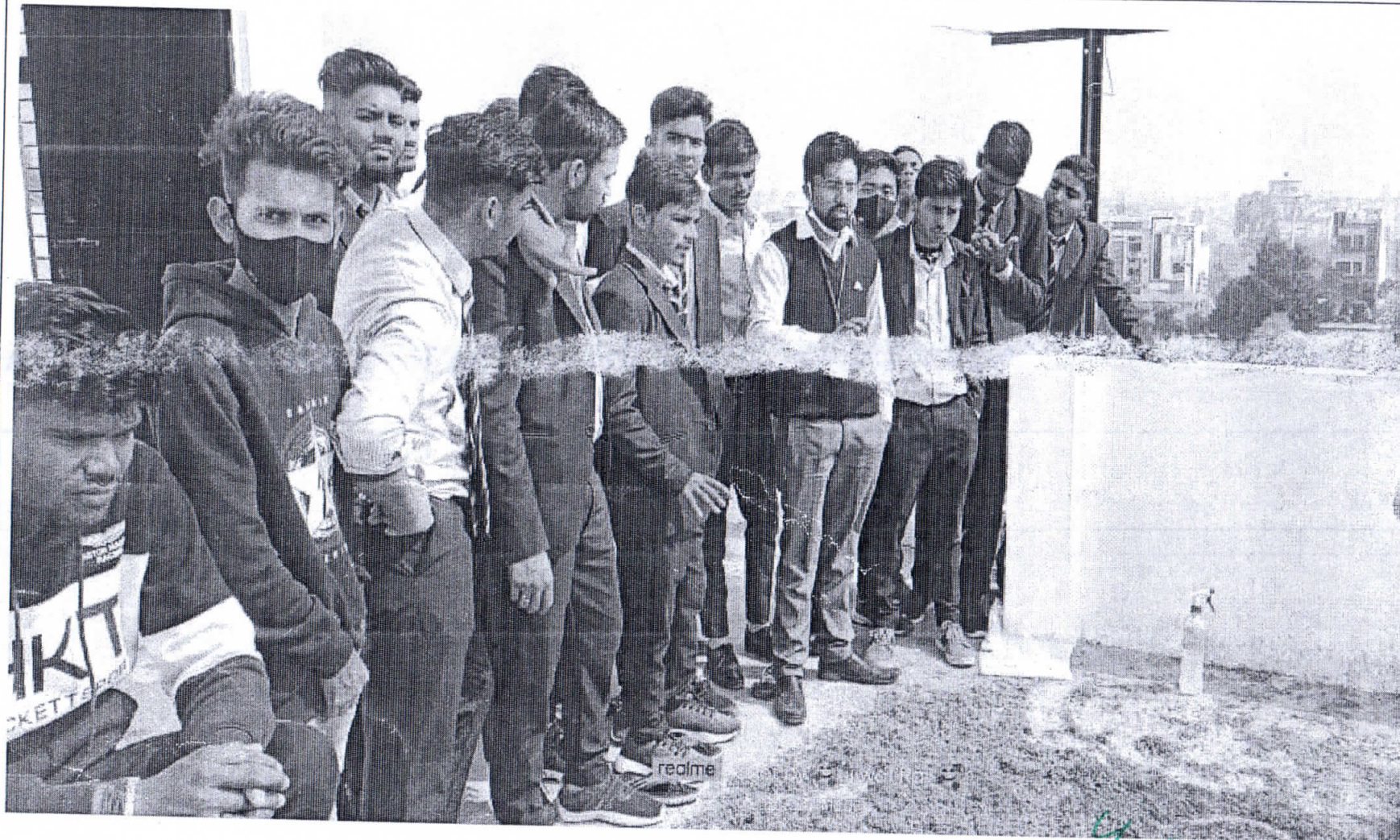
Attendance list of participated student in "Scientific cultivation of Mushroom" 20.11.2022 to 30.11.2022

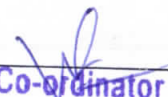
		20	21	22	23	24	25	26	27	28	29	30							
35	LAXMAN KUMAR	S	P	P	P	P	P	P	S	P	P	P							
36	MANISH KUAMR		P	P	P	P	P	P		P	P	P							
37	MANISH KUMAR		P	P	P	P	P	P		P	P	P							
38	MANISH RAJ CHAUHAN		P	P	P	P	P	P		P	P	P							
39	MD AFTAB		P	P	P	A	P	P		P	P	P							
40	MD MEYAR ALAM		P	P	P	P	P	P		P	A	P							
41	MD OSAMA RAHMAT		P	P	P	P	P	P		P	P	P							
42	MOHD SUJAINOOR		P	P	P	P	P	P	S	P	P	P							
43	MONIKA SINGH	S	P	P	P	P	P	P	A	P	P	P							
44	MUKESH KUMAR	V	P	P	P	P	P	P	N	P	P	P							
45	NAMRTA RAJ	N	P	P	P	A	P	P	D	P	P	P							
46	NAUSHAD ALAM	b	P	P	P	P	P	P	A	P	P	P							
47	NAVEEN KUMAR	A	P	P	P	P	P	P	E	P	P	P							
48	NAVNIT RAJ	e	P	P	P	P	P	P		P	P	P							
49	NIDHI KUMARI		P	P	P	P	P	P		P	P	P							
50	AMAN KUMAR THAKUR		P	P	P	P	P	P		P	P	P							

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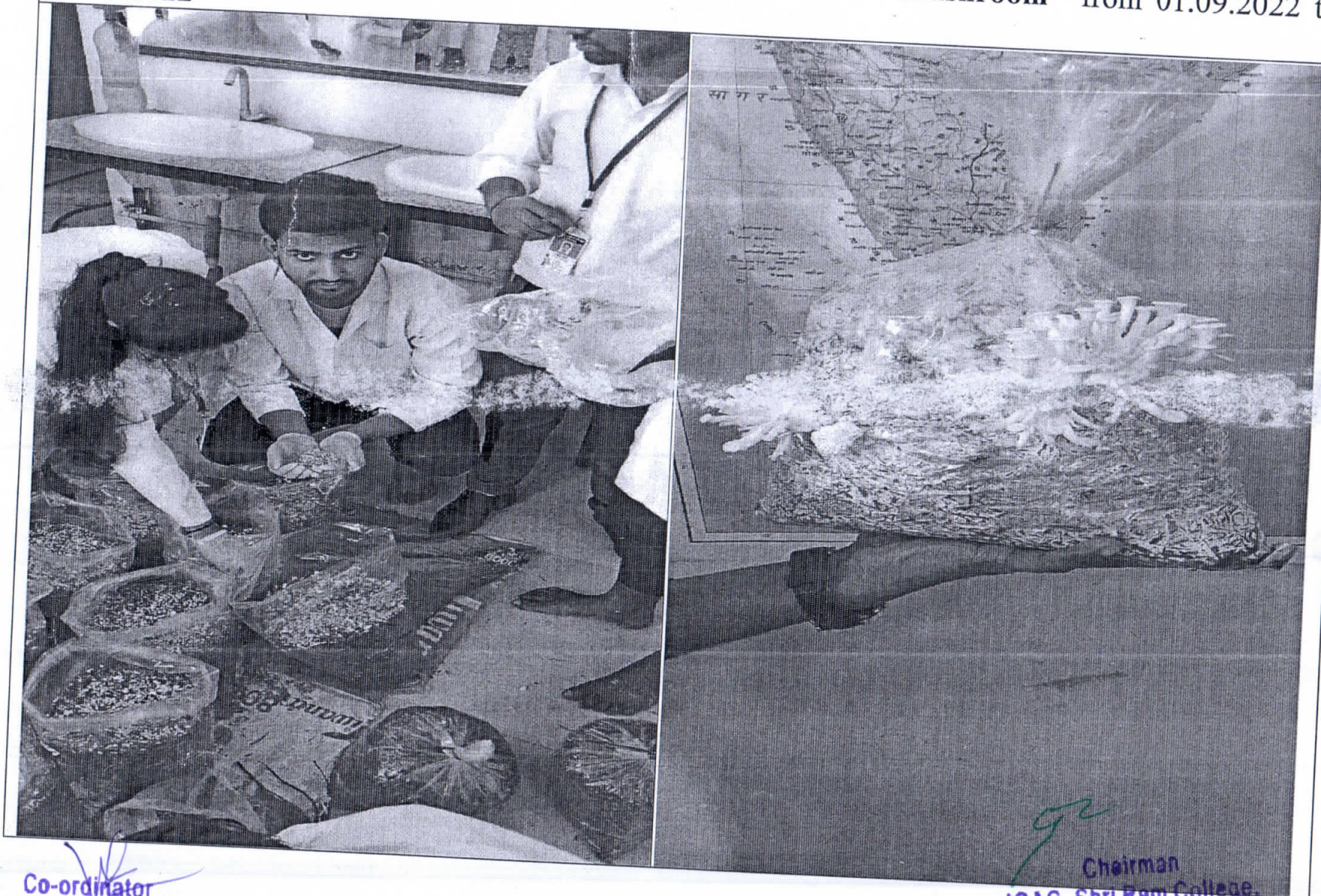
Preparation of Raw material for "Scientific cultivation of Mushroom" from 01.09.2022 to 30.11.2022




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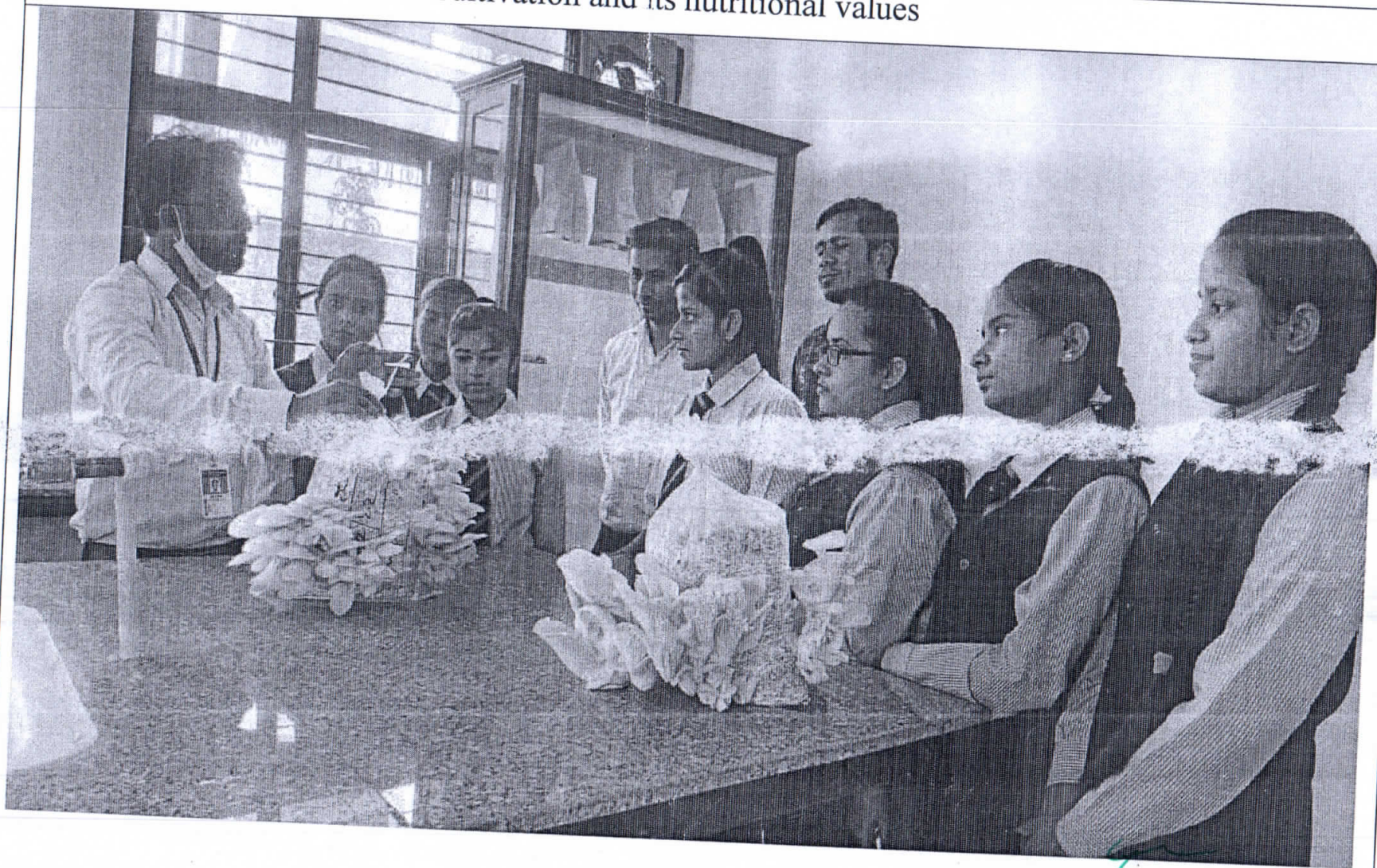
Sowing of mushroom spawn in "Scientific cultivation of Mushroom" from 01.09.2022 to 30.11.2022



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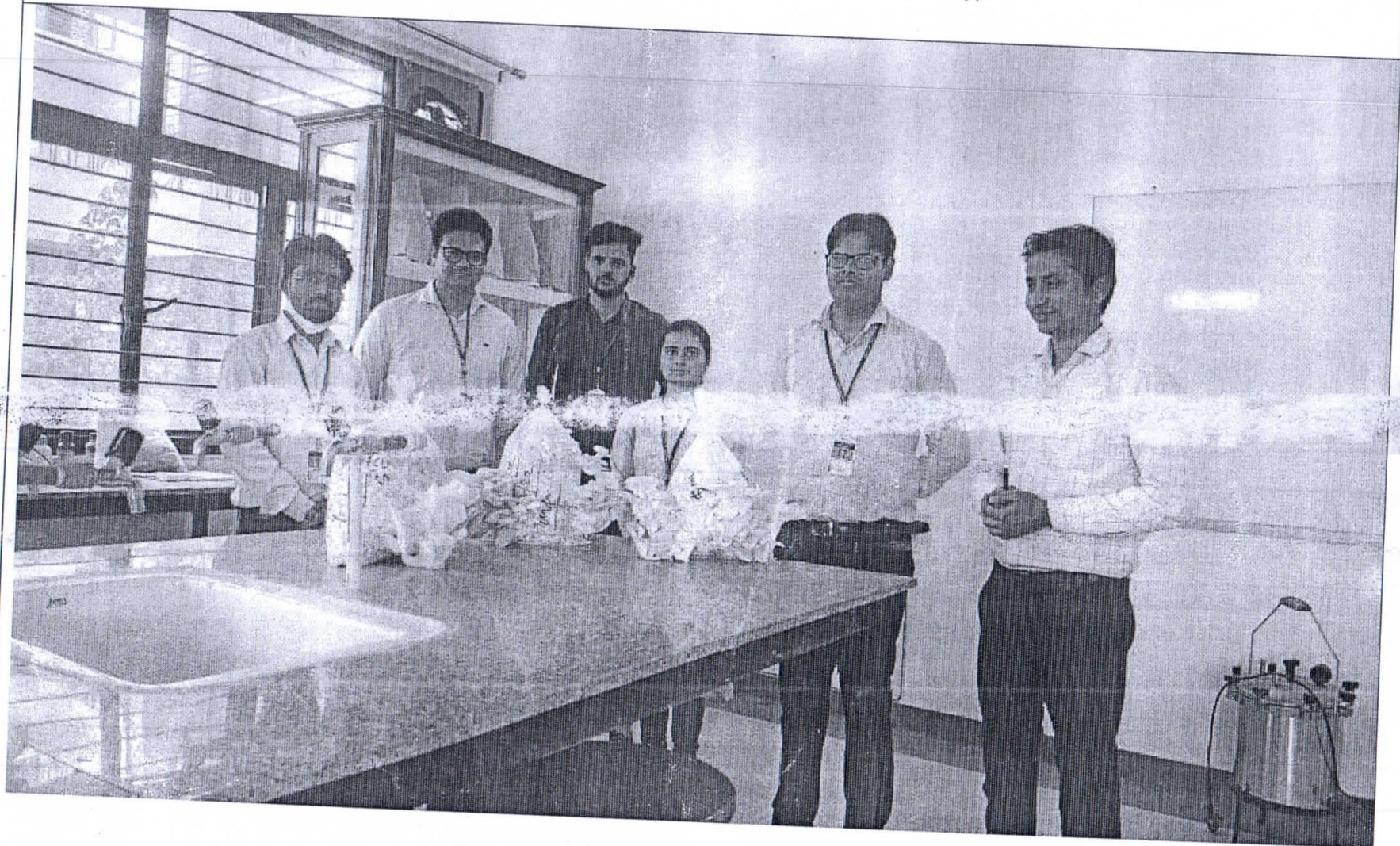
Demonstration of Mushroom cultivation and its nutritional values




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Quality Assessment of Mushroom cultivation by Dr. Girendra Gautam (Director of Pharmacy)




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Harvesting of Mushroom




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