



MAEER PUNE'S

# MAHARASHTRA INSTITUTE OF DENTAL SCIENCES & RESEARCH (DENTAL COLLEGE)



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## Department of Public Health Dentistry

### Visit to Primary Health Centre

As per the curriculum final Year BDS students have to undertake visit to Primary Health Centre as a field visit project. The purpose of visit is to make understand vision and mission of PHC like how to provide Comprehensive Health care on equitable, accessible and affordable basis. And how build key values and relationship for the people they serve.

#### PURPOSE TO VISIT

1. To provide patient-centered healthcare with excellence in quality, service, and access.
2. A community in which all people achieve their full potential for health and well being across the life span
3. To establish comprehensive primary healthcare delivery system and well functioning linkages with secondary and tertiary health care system
4. To develop the training capacity for providing human resources for health with adequate skills at all levels.
5. To progressively achieve universal health coverage.
6. To expand preventive, promotive, curative, palliative and rehabilitative services provided through public health sector with focus on quality

Key values Relationship with the People We Serve to make them understand:

- The patient *always* comes first. We are dedicated to patient care.
- We treat each person with respect and dignity.
- We are compassionate listeners. We hear the issues of our patients, respect them, and do everything in our power to help.
- We care for the whole person, see the complexity of each person's life, and believe that addressing a broad range of human needs is the best way to improve a person's health.

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- We continuously examine the services we provide and what is needed in the community.
- We look for cracks in the health care system, fill those, and move to fill new ones. When other community resources develop to address those needs, we make intentional decisions to apply our resources differently.

So for this Purpose our 23 students have visited the PHC at Kharola on 10/07/2022

Below attached the list of staff students visited the PHC.



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
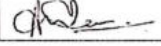


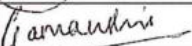
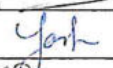


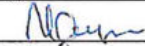

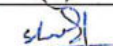
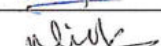

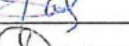
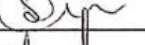
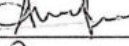




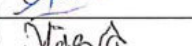
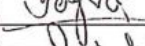

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Date -10/07/2022

<u>List Of Faculty Members</u>		
1.	Dr Vilas Dhumal	
<u>List Of Students</u>		
Sr.no.	Student Name	sign
1	Biradar Shraddha	
2	Bokade Anteshwari	
3	Chavan Aditya	
4	Chaudhary Vaibhavi	
5	Gagulwar gamanashri	
6	Bhikane Yash	
7	Godepure Ojaswi	
8	Jadhav Pratiksha	
9	Jadhwar Mayuri	
10	Jagtap Sameer	
11	Kamble Shruti	
12	kelaskar Nishigandha	
13	Lad Sonali	
14	Ladke Siddhi	
15	Lakhe Anushka	
16	Manthale Nabha	
17	More Shital	
18	Nade Sayali	
19	Niras Harshadda	
20	Pardeshi yogita	
21	Patil Prajakta	
22	Shirure Shivani	
23	Bembalkar Pariyanta	

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To,  
The PRINCIPAL  
MIDS R Dental College,  
Latur.

Subject:- Regarding permission for visit at Dones Agro Products  
,kumbhari, latur

Respected sir,

With reference to above subject, I request you to kindly grant  
the permission to visit on 16/04/2021 for visit at Dones Agro Products  
,kumbhari Latur, Dist. Latur

This is for your kind information & do the needful.

Thanking You,

*Shangam*

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SR NO	PROGRAAM SCHEDULE	TIME
1	INTRODUCTION ABOUT MUSHRRROM	10 AM-10: 30 AM
2	PROCESSING OF MUSHRRROM	10: 30 AM – 11 AM
3	CULTIVATION OF MUSHROOM	11 AM – 11:30 AM
4	PACKAGING OF MUSHROOM	11:30 AM – 12 AM

**LIST OF FACULTY MEMBERS AND STUDENTS :-**

SR NO	NAME OF FACULTY / STUDENT	SIGNATURE
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1.	Dr. Nehal Pawar	
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## List of students

2.	DahiphaleRutuja	
3.	Deshmukh Shruti	
4.	Deshmukh Shruti T	
5.	Dhaygude Sadhana	
6.	Dungarwai Shreyas	
7.	Gaike Trupti	
8.	Jondhale Pragati	
9.	Shrikant Patil	
11	Hople Sneha	
12.	Ingle Shreya	
13.	Jadhav Nitin	
14.	Jadhav Pavan	
15.	Jadhav Priyanjali	
16.	Jadhav Priyanka	
10.	Hariyani Mahima	

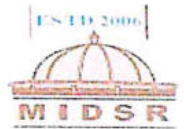
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# REPORT ON VISIT TO MUSHROOM CULTIVATION PLANT, KUMBHARI LATUR.

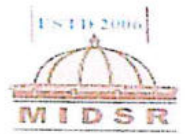


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NAME OF THE PLANT :- DONO'S AGRO PVT.LTD.

Kumbhari, Latur.



At Done'sagropvt ltd. Kumbhari Latur

**CONTENTS :-**

1. ACKNOLEGEMENT
2. INTRODUCTION
3. HISTORICAL
4. COMPONENT OF MUSHROOM FARM
5. COMPOSITION OF MUSHROOM
6. PACKAGING OF MUSHROOM
7. GROWING ROOM
8. ENVIRONMENTAL CONTROL, AIR CONDITIONING AND FORCED AIR CIRCULATION.
9. POST HARVEST HANDLING UNIT
10. PACKAGING ROOM
11. CONCLUSION

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**INTRODUCTION :-**

Mushroom belongs to separate group of organisms called fungi. They lack the green matter (chlorophyll) present in plant. And grow on dead & decaying organic materials. From this decaying substrate they absorb their nutrition with the help of very fine thread like structures (mycelium) which penetrate into the substratum & generally not visible on the surface. After the mycelium grown profusally and absorb sufficient food material.

**HISTORICAL :-**

Mushroom have been devoured as food by mankind since the immorial after collecting from forest. However Mushroom could not be domesticated due to their complex nature though Chinese where first to do the artificial cultivation of the tropical & subtropical mushrooms about thousand years ago .

Real commercial ventures started when european started cultivation of button mushroom in green houses & caves. during 16<sup>th</sup> and 17<sup>th</sup> century. The successes to isolate pure culture through tissues & spores was the turning point in the processes of mushroom production in the world

**COMPONENTS OF MUSHROOMS :-**

- COMPOSTING UNIT
- OUTDOOR PHASE I – COMPOSITING PLATFORM
- INDOOR PHASE II – IN PEAK HEATING
- PEAK HEATING CHAMBER
- BULK PASTURIZATION CHAMBER
- COOLING OF COMPOST IN SUMMER MONTHS IN SPECIAL REQUIRMENT
- CASING PASTURIZATION CHAMBER
- SPAWN UNIT
- SPAWN LAB
- CROPPING UNIT
- SEASONAL CROPING ROOM
- ENVIRNONMENTAL CONTROL CROPPING ROOMS
- ENIVIRONMENTAL CONTROL, AIR CONDITIONER
- POST HARVESTING UNIT
- PRE COOLING CHAMBER
- CANING HALL
- PACKAGING ROOM

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**COMPOSITION OF BUTTON MUSHROOM :-**

NUTRIENTS	FRESH MUSHROOM	PER 100g OF
• Protein , g/100g		2.72
• Carbohydrate g/100g	3.35	
• Fat g/100g	0.36	
• Ash g/100g	0.84	
• Moisture g/100g	92.72	
• Dietary Fibre g/100g	2.39	
• Calorie kcal/100g	27.53	



**PROCESSING :-**

- SPAWNING :-For spawn run air temperature of 23 +\_ 1 C is maintain in room with cooresponding bed temperature . 24- 25 C ( 1-2 C higher than air temperature ) fresh air wall is closed and entire air is recirculated allowing the Co2 alongside to accumulate to the level of 15000 ppm desirable for quick spawn run. Higher concentration of C02 accelerates spawn run. Vegetative growth of mushroom fungus.

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**CASING** :- Environmental condition suitable for spawn run are suitable for case run as well. The same condition will be provided for 7 days for case run. As the spawn run, RH/CO<sub>2</sub> will be same as required for spawn run within 1 week the case run be completed. At the moment mycelium is observed in the valley valleys are area between picks as can be seen on top of casing.

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**CROP MANAGEMENT** :- After the completion of case run, the cooling of the room is enhanced to bring air temperature down to 15-17 C in the room within 2-3 days time. Simultaneously the fresh air vent is opened to 30% at rest of the air is recirculated 70%. This brings down CO<sub>2</sub> concentration in the room to 300ppm – 1000ppm desired for pinhead formation. RH is also reduced to 85-95%

- **HARVESTING** :- mushrooms are harvested by gently holding mushroom body and twisting it. Washing becomes to remove soil particles if non peat casing soil is used but washed mushrooms deteriorate rapidly than mushroom pack dry. small growers

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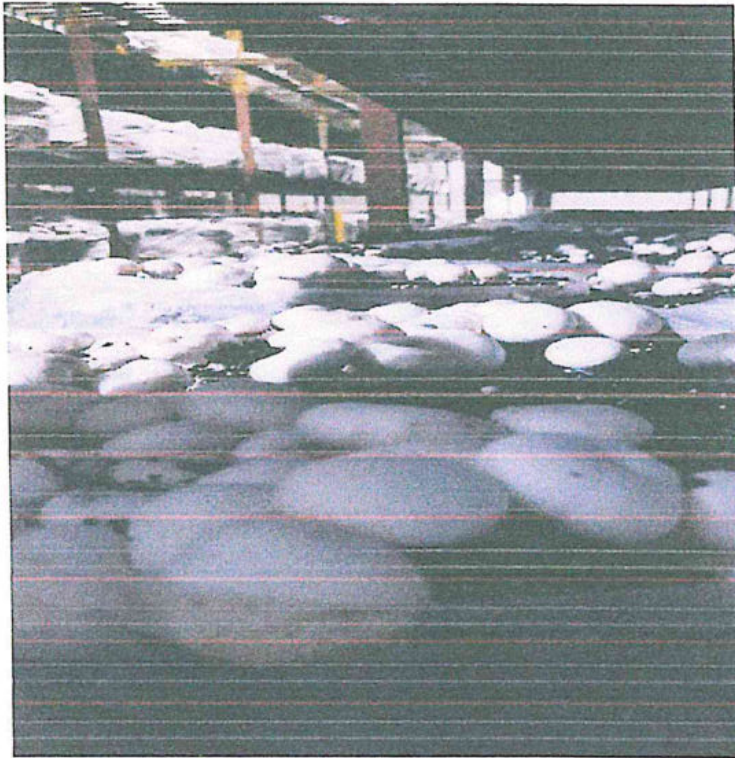


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washed in solution of reducing agent to retard the browning caused by polyphenoloxidase.



**PACKAGING OF MUSHROOMS** :- sun drying is one of the simplest and the oldest method followed by growers from the time of immemorial . due to difficulties in drying of sun of the mushroom new preservation like cabinet drying, canning , pickling , drying and irradiation treatment of mushroom have developed to improve the shelf life and consumption of liquid.

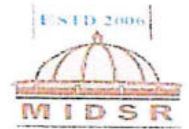
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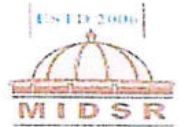
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• **CONCLUSION :-**

Mushroom Cultivation Can Effectively Utilize Agro residues for production of Protein rich food and plays crucial role in management of these agro residues.

- In This Study, Described some species of the mushrooms (Agaricus bisporus , Lentinula Edodes., Pleurotus spp., Auricularia spp., volvariella Volvacea)Which are the most commonly cultivated and consumed mushrooms and point out their commercial production process and nutritional and medicinal importance

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## Department of Public Health Dentistry

### Visit to Milk Dairy

As per the curriculum final Year BDS students have to undertake visit to milk dairy as a field visit project. The purpose of visit is to create knowledge regarding prevention and control of food borne diseases.

#### PURPOSE TO VISIT:


1. To observe Pasteurization of milk and Microbiology Tests of quality of Milk and its hygienic process.
2. Will get first-hand exposure of how milk is processed, prepared and packed during their visit.
3. The educational visit intended to give information regarding methods of preparation of various milk products, pasteurization, preservation of nutrients of milk products and dietary values of different milk products.
4. This field trip to milk plant helped the students in the practical understanding of the concepts of nutrition.

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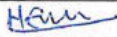
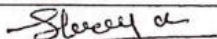


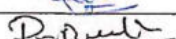
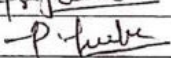


**LIST OF FACULTY MEMBERS AND STUDENTS :-**

SR NO	NAME OF FACULTY / STUDENT	SIGNATURE
1.	Dr. Nehal Pawar	

List of students

2.	DahiphaleRutuja	
3.	Deshmukh Shruti	
4.	Deshmukh Shruti T	
5.	Dhaygude Sadhana	
6.	Dungarwal Shreyas	
7.	Gaike Trupti	
8.	Jondhale Pragati	
9.	Shrikant Patil	
10.	Hariyani Mahima	

11	Hople Sneha	
12.	Ingle Shreya	
13.	Jadhav Nitin	
14.	Jadhav Pavan	
15.	Jadhav Priyanjali	
16.	Jadhav Priyanka	



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