

Rayat Shikshan Sanstha's

Arts, Science and Commerce College, Ramanandnagar (Burli)

Department of Botany

Value added Course

On

Mushroom Cultivation

2019 – 2020


Rayat Shikshan Sanstha's
Arts, Science and Commerce College, Ramanandnagar (Burli)

Department of Botany

Value added Course

2019 – 2020

1.	Name of the Department	Botany
2.	Name of the Course	Mushroom Cultivation
3.	Number of Students enrolled	20
4.	Fee structure	Free of cost
5.	Syllabus and time table	Yes- Attached
6.	Attendance Sheet	Yes- Attached
7.	Rapport of Course	Yes- Attached


Department of Botany,
A. S. C. College, Ramanandnagar.


Principal
Arts, Science & Commerce College,
Ramannadnagar (Burli)

Mushroom Cultivation Technology

1) Mushroom – Introduction

2) Edible and Poisonous Mushroom

- a) Edible mushroom with suitable examples
- b) Poisonous mushrooms
- c) Difference between edible and poisonous mushrooms

3) Nutritional and medicinal importance of mushrooms

- a) Nutrient composition of button, oyster and paddy straw mushrooms.
- b) Comparative nutritional values – vegetables and mushrooms
- c) Importance of mushrooms – nutritional, medicinal, and others.

4) Morphological and taxonomy

- a) Button mushroom
- b) Oyster mushroom
- c) Paddy straw mushroom
- d) Shitake and Morchella mushroom

5) Spawn of mushroom (seeds):

- a) Spawn, spawning and spawn run.
- b) Spawn types – grain spawn, substrate spawns.
- c) Qualities of good spawn
- d) Techniques of spawn production
- e) Spawning methods
- f) Storage of spawn

6) Button mushroom:

- a) Species
- b) Growth techniques
- c) Compost – methods of composting and different formulae of compost.
- d) Spawning – spawn rate and spawn.
- e) Casing – materials, sterilization and methods.
- f) Crop management and harvesting-picking, grading and packing of mushroom.

7) Oysters mushroom:

- a) Species
- b) Pre-requisite – substrate – climate
- c) Methods of cultivation – bed preparation spawning
- d) Crop management and spawn run

8) Paddy straw mushrooms:

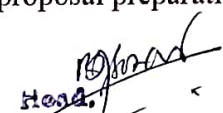
- a) Species
- b) Pre-requisite substance/substrate, climate
- c) Methods of cultivation – i) Bed preparation ii) Spawning and spawn run

9) Disease and pests of mushrooms and their management

10) Preservation and processing of mushrooms

11) Mushroom recipes

12) Marketing of mushrooms –Marketing channels time of sale, packing, transport, and project proposal preparation


Head,
Department of Botany
S. C. College, Ramannadnagar


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Arts, Science & Commerce College,
Ramannadnagar (Burli)

Rayat Shikshan Sanstha's
Arts, Science and Commerce College, Ramanandnagar (Burli).
Department of Botany
Course- Mushroom Cultivation 2019-20
List of Students

Sr. No.	Name of the Student
1.	BABAR AMRUTA ANKUSH
2.	BABAR ANIKET ANKUSH
3.	CHAVAN PRAJAKTA UDAY
4.	CHAVAN PRAJAKTA VITTHAL
5.	HOWAL OMKAR VIKAS
6.	JADHAV MONIKA ASHOK
7.	JADHAV POOJA ANANDA
8.	JADHAV PRIYANKA POPAT
9.	JADHAV SALONI BAJARANG
10.	JADHAV YOGITA SUBHASH
11.	KADAM SATYAJEET KUMAR
12.	KAMBLE PADMAJA CHANDRAKANT
13.	KUMBHAR PRATIKSHA LAXMAN
14.	MOHITE SHWETA DILIP
15.	MULE DHANASHRI RAVINDRA
16.	MULE YASHASHRI ANIL
17.	MULIK TEJASWINI PRAKASH
18.	PATIL KOMAL SUDHIR
19.	SAGARE NAINA JALINDAR
20.	SAWAT ANIKET HANMANT

Male :04

Female:16

Head
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Department of Botany
Course- Mushroom Cultivation Technology 2019-20
Time Table

Period Number	Time	Day	
		Monday	Tuesday
1	10.10 to 11.00	SJS	BAS
2	11.00 to 2.30	SJS	BAS


H. S. S. D.

Department of Botany,
S. C. College, Ramanandnagar


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Ramannadhagar (Burli)

Arts, Science and Commerce College, Ramanandnagar (Burl).
Department of Botany

Course- Mushroom Cultivation 2019-20.

Attendance

Sr. No.	Name of the Student	2019 - 20												Attendance											
		2/12	3/12	5/12	9/12	16/12	19/12	23/12	26/12	29/12	31/12	2019	2020												
1.	BABAR AMRUTA ANKUSH	P	P	P	P	P	P	P	P	P	P	P	P												
2.	BABAR ANIKET ANKUSH	P	P	P	P	P	P	P	P	P	P	P	P												
3.	CHAVAN PRAJAKTA UDAY	P	P	P	P	P	P	P	P	P	P	P	P												
4.	CHAVAN PRAJAKTA VITTHAL	P	P	P	P	P	P	P	P	P	P	P	P												
5.	HOWAL OMAR VIKAS	P	P	P	P	P	P	P	P	P	P	P	P												
6.	JADHAV MONIKA ASHOK	P	P	P	P	P	P	P	P	P	P	P	P												
7.	JADHAV POOJA ANANDA	P	P	P	P	P	P	P	P	P	P	P	P												
8.	JADHAV PRIYANKA POPAT	P	P	P	P	P	P	P	P	P	P	P	P												
9.	JADHAV SALONI BAJARANG	P	P	P	P	P	P	P	P	P	P	P	P												
10.	JADHAV YOGITA SUBHASH	P	P	P	P	P	P	P	P	P	P	P	P												
11.	KADAM SATYAJEET KUMAR	P	P	P	P	P	P	P	P	P	P	P	P												
12.	KAMBLE PADMAJA CHANDRAKANT	P	P	P	P	P	P	P	P	P	P	P	P												
13.	KUMBHAR PRATIKSHA LAXMAN	P	P	P	P	P	P	P	P	P	P	P	P												
14.	MOHITE SHWETA DILIP	P	P	P	P	P	P	P	P	P	P	P	P												
15.	MULE DHANASHRI RAVINDRA	P	P	P	P	P	P	P	P	P	P	P	P												
16.	MULE YASHASHRI ANIL	P	P	P	P	P	P	P	P	P	P	P	P												
17.	MULIK TEJASWINI PRAKASH	P	P	P	P	P	P	P	P	P	P	P	P												
18.	PATIL KOMAL SUDHIR	P	P	P	P	P	P	P	P	P	P	P	P												
19.	SAGARE NAINA JALINDAR	P	P	P	P	P	P	P	P	P	P	P	P												
20.	SAWAT ANIKET HANMANTI	P	P	P	P	P	P	P	P	P	P	P	P												

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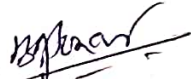
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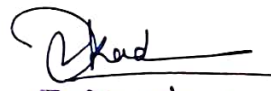
Department of Botany

Annual Report Value added Course

2019 – 2020

Department of Botany is consistently engaged in two Value added Courses viz. Mushroom Cultivation, and Horticultural Technique. Our department is engaged in organization of Mushroom Cultivation, and Horticultural technique value added courses. For the said Course 20 students were the beneficiaries. With the help of knowledge acquired from these two courses students will be able to plant their own small scale industry.


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