

**Rayat Shikshan Sanstha's,
Dr. Patangrao Kadam Mahavidyalaya,
Ramanandnagar (Burli).**

Department of Botany

**Value Added Course
in**

**Mushroom Cultivation Technology
2021-22**

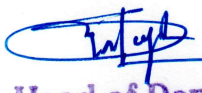
**Rayat Shikshan Sanstha's,
Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar Burli).**

Department of Botany

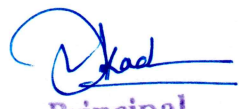
Notice

Date: 05/03/2022

All the students of B.Sc. II (Botany) are hereby informed that the theory and practical lectures of Value Added Course in Mushroom Cultivation Technology as per time-table are going to start from 07/03/2022. It is compulsory to all who have enrolled for this course to attend the theory and practical lectures and put your attendance.


Head of Dept.
Department of Botany
Dr. Patangrao Kadam Mahavidhyalaya,
Ramanandnagar (Burli)




Principal,
Dr. Patangrao Kadam Mahavidhyalaya,
Ramanandnagar (Burli)
Tal. Palus, Dist. Sangli.

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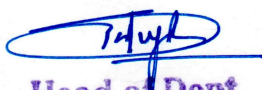
Department of Botany

Value Added Course in

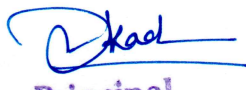
Mushroom Cultivation Technology 2021-22

Time Table

Period Number	Time	Day	
		Thursday	Friday
1.	10:10 to 11:00	SWW	SWW
2.	11:00 to 2:30	SWW	SWW


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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
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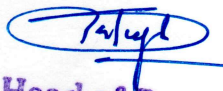
Department of Botany

Value Added Course in
Mushroom Cultivation Technology : 2021-22

Programme Outcomes

After successful completion of this course,

1. Students can also be equipped with additional skills to meet the challenges in future.
2. Students will aspire to become a Mushroom Cultivator and get employment accordingly.


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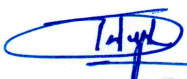
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Department of Botany

**Value Added Course in
Mushroom Cultivation Technology : 2021-22**

List of Students

Sr. No.	Name of Student
1.	NAVADKAR SNEHAL SARJERAO
2.	PATHAN SANA AMJAD
3.	PATIL NIKITA MAHADEV
4.	PATIL UTKARSHA UTTAM
5.	PATIL VARSHA RAMESH
6.	PAWAR PRANOTI BABASO
7.	PAWAR VAISHNAVI VASANT
8.	HOWAL SAKSHI SANAJAY
9.	PATIL NIKITA AVINASH
10.	JADHAV ABHISHEK BABASO
11.	JADHAV PAVAN PRALHAD
12.	JADHAV SHRIDHAR RAJENDRA
13.	ARBUNE AKASH MADHUKAR
Total	Male=04 Female=09


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Department of Botany

Value Added Course in
Mushroom Cultivation Technology 2021-22
Attendance

Sr. No.	Name of Student	04/09	05/09	06/09	07/09	08/09	09/09	10/09	11/09	12/09	13/09	14/09	15/09	16/09	17/09	18/09	19/09	20/09	21/09	22/09	23/09	24/09	25/09	26/09	27/09	28/09	29/09	30/09
1.	NAVADKAR SNEHAL SARJERAO																											
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[Signature]

Head
Department of Botany



[Signature]

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**Rayat Shikshan Sanstha's,
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Department of Botany

Value Added Course in

Mushroom Cultivation Technology : 2021-22

Marklist

Sr. No.	Name of Student	Marks (Out of 50)
1.	NAVADKAR SNEHAL SARJERAO	44
2.	PATHAN SANA AMJAD	42
3.	PATIL NIKITA MAHADEV	38
4.	PATIL UTKARSHA UTTAM	40
5.	PATIL VARSHA RAMESH	44
6.	PAWAR PRANOTI BABASO	44
7.	PAWAR VAISHNAVI VASANT	40
8.	HOWAL SAKSHI SANAJAY	46
9.	PATIL NIKITA AVINASH	46
10.	JADHAV ABHISHEK BABASO	42
11.	JADHAV PAVAN PRALHAD	36
12.	JADHAV SHRIDHAR RAJENDRA	38
13.	ARBUNE AKASH MADHUKAR	32


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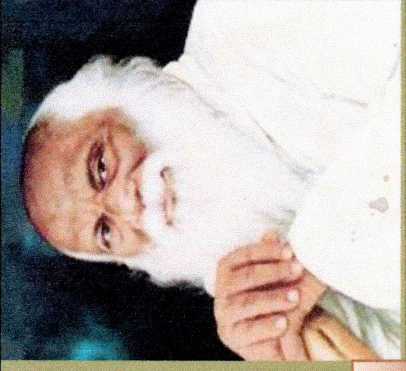



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Rayat Shikshan Sanstha's.

Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli).
Tal- Palus, Dist- Sangli, 416308



Affiliated to Shivaji University, Kolhapur

CERTIFICATE

This is to certify that Mr./Miss. _____ of B.Sc.
II, Dr. Patangrao Kadam Mahavidyalaya Ramanandnagar (Burli), has
successfully completed Value Added Course in 'Mushroom Cultivation
Technology' run by Department of Botany (from 07/03/2022 to 06/05/2022)
for the academic year 2021-22

Course Coordinator



Principal

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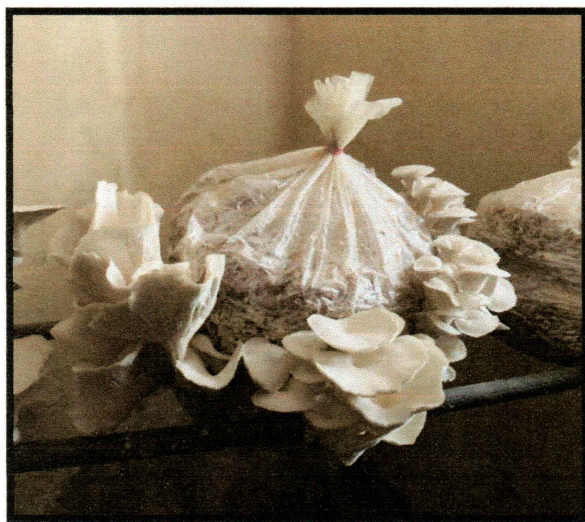
**Value Added Course in
Mushroom Cultivation Technology**

Annual Report 2021-22

DATE: 07/05/2022

Department of Botany is consistently engaged in running Value Added Course in Mushroom Cultivation Technology. For the said course there were total 13 students from B.Sc. Part II have enrolled. This course was run from 07/03/2022 to 06/05/2022.

To acquire practical knowledge of this course, the Department had arranged the Three Days Hands on Training Programme on 'Mushroom Farming'. For this training Mr. Digvijay Patil (Director at Priyanka Foods and Naturals, Kodoli) was present as a Resource Person. With the help of knowledge acquired from this course, students will be able to plant their own small scale industry.



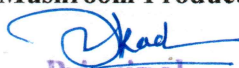
Mushroom Production in the Executed Course.



Enrolled Students of the course with the final outcome of Mushroom Production.


(Miss. S.W. Wagh)
Course Co-ordinator




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