



Kopargaon Taluka Education Society's

**K. J. Somaiya College of Arts, Commerce & Science,
Kopargaon**

Mohiniraj Nagar, Kopargaon, Tal: Kopargaon, Dist: Ahmednagar Pin-423601

Certificate Course in Mushroom Cultivation

✚ Course Code:	CC.008
✚ Organized By:	Department of Botany
✚ Date of Commencement:	01/07/2014.
✚ Duration of Course:	02 Months (Min. 30 Hrs.)
✚ Course Coordinator:	Dr. B. S. Gaikwad

Kopargaon Taluka Education Society's
K.J. Somaiya College of Arts, Commerce & Science,
Mohanirajnagar, Kopargaon, Dist. Ahmednagar- 423601

Affiliated to Savitribai Phule Pune University

(ID No. PU\AN\ASC\07(1964))

ISO 9001:2015, Green Audit (A064), DST-FIST Sponsored College



DEPARTMENT OF BOTANY

(Estd. 1992)

**FILE NO. 11: CERTIFICATE COURSE RUN BY
DEPARTMENT**

CONTENTS

Sr. No.	Particulars	
1.	Summary of Certificate course	✓
2.	Permission letter	✓
3.	Time table workload distribution	✓
4.	Student attendance record	✓
5.	Exam details (Question papers, mark list)	✓
6.	Certificate copy	✓

Head
Department of Botany
K. J. Somaiya College, Kopargaon



**Kopergaon Taluka Education Society's
K.J. Somaiya College of Arts, Commerce & Science, Kopergaon- 423 601
Department of Botany**

“Year-wise student enrolment of Short term Certificate course on Mushroom Cultivation”

Sr.No	Academic Year	No.of Students Enroled
1	2018-19	28
2	2019-20	25
3	2020-21	36
4	2021-22	25
5	2022-23	42


Principal
K.J.Somaiya College
Kopergaon



Kopargaon Taluka Education Society's

K.J. Somaiya College of Arts, Commerce & Science

Mohanirajnagar, Kopargaon - 423601, Dist. Ahmednagar (MH.)

Affiliated to Savitribai Phule Pune University, Pune ID No. PU/AN/ASC/07(1964)

☎ : 9146142000, 9146152000 Email ID : kjscollege@rediffmail.com, Website : kjscollege.com

NAAC ACCREDITED 'A' GRADE

AN ISO 9001-2015 CERTIFIED INSTITUTE

SAVITRIBAI PHULE PUNE UNIVERSITY "BEST COLLEGE AWARD"

Principal : Dr. B. S. Yadav (M.Sc., Ph.D.)

Founder President : Late K. B. Rohmare (Ex. M.L.A.)

Ref. No. : 2045/2017-18

Date : 18/01/2018

To,
Head,
Department of Botany
K. J. Somaiya College of Arts, Commerce & Science, Kopargaon.

Subject: Restructuring of syllabus for certificate course.
Reference: Your Letter dated on 15/01/2018

Dear Sir,

We pleased to inform you that, the proposal for restructuring of syllabus for short term certificate course titled "**Mushroom Cultivation**" is approved & the committee for restructuring of syllabus is as follows:

Sr.No.	Committee	Name of Faculty
1	Head of the Department (Chairman)	Dr.B.S.Gaikwad
2	Member	Dr.G.S.Shinde
3	Member	Mr.R.S.Landge
4	Member	Mr.R.S.Dhanavate

You are supposed to submit the restructured curriculum at an earliest for further approval so that the course can be commenced from the academic year 2017-18.

Date:
Place: Kopargaon


Principal
K.J. Somaiya College of Arts
Commerce & Science, Kopargaon

Letter to IQAC for seeking permission for the Certificate Course 'Mushroom Cultivation

Dr. B.S. Gaikwad
Head, Department of Botany
K.J. Somaiya College, Kopargaon

Date- 13/08/2018

To,
The Co-ordinator
Internal Quality Assurance Cell,
K.J. Somaiya College, Kopargaon- 423 601

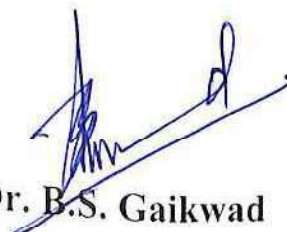
Subject- Regarding permission for the Certificate Course.

Respected Sir,

The Department of Botany desires to start a certificate course entitled "Mushroom Cultivation" for enhancing the self-employability in our students. The said course duration will be of one month. Those students who successfully complete the certificate course will received a completion certificate issued by the Department of Botany.

Kindly give the permission for commencing course.

Thank you & look forward for kind cooperation.



Dr. B.S. Gaikwad
Head
Department of Botany
Head
Department of Botany
K. J. Somaiya College, Kopargaon

Permission Letter from IQAC for Organizing Programme

From,
The IQAC Coordinator,
K. J. Somaiya College, Kopergaon

To,
Head, Department of Botany,

K. J. Somaiya College, Kopergaon

Subject: Permission for organizing Certificate Course in the
department of Botany.

Dear Sir,

As per your letter dated _____ IQAC grants the permission for
following activity:

Name of the Activity	Certificate course in Mushrooms cultivation.
Proposed Date and Time	
Venue	Department of Botany.
Name of the Resource Person /Coordinator	

You are requested to complete the documentation and submit it to IQAC
after programme within five working days.

Wish you all the best for programme.

Thank you.

Yours Sincerely,



**Kopergaon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce and Science, Kopergaon.**

Department of Botany

Certificate Course on "Mushroom Cultivation"

Introduction

Mushrooms are being used as food and medicine from ancient times. Mushroom contains all essential amino acids, vitamin B complex, iron, calcium, potassium, phosphorous, folic acid and other biochemical compounds. It is also a good source of dietary fibre. It is regarded as highly edible even for people suffering from cholesterol problems, heart diseases, diabetes and cancer. Mushroom cultivation has now become a source for income generation since there is a large demand for healthy and quality food products. Many value added products are also obtained from mushrooms. The cultivation procedure is characterized by small initial investment and year round production. It is an eco-friendly agricultural practice. Considering the commercial viability and self-employment potential of mushroom cultivation and marketing, the Department is offering the same as an add on certificate course to the under graduate students of the College.

Committee for framing syllabus for a Short Term Certificate Course on "Mushroom cultivation" to be conducted by Department of Botany was as follows:

1. Prin. Dr .B.S. Yadav (Chairman)
2. Dr. B.S.Gaikwad (Head and Member)
3. Dr.G.S.Shinde (Member)
4. Prof R.S. Landge (Member)

Course Structure

Sr.No.	Course	Lecture prescribed
1.	Theory	10 Lectures (20 Hrs.)
2.	Practical	

Syllabus

Lecture 1.1. Basic Introduction & History of mushrooms

Lecture 1.2 Types and distribution of Edible & Poisonous Mushrooms;

Lecture 1.3 Life cycle of mushroom.

Lecture 2.1 Preparation of Pure Culture by using PDA

Lecture 2.2. Spawn introduction - Isolation of pure culture; raw material of spawn; sterilization; preparation of mother spawn and multiplication

Lecture 3.1. Preparation of substrate by using various organic waste- Wheat straw, Paddy Straw & Soya Straw etc.

Lecture 3.2 Sterilization of substrate

Lecture 4.1 Actual Cultivation of mushroom, by using spawn

Lecture 4.2. Bagging & Maintenance to avoid contamination.

Lecture 4.3 Harvesting method and preservation of mushrooms.

Lecture 5.0 Nutrient values of mushroom – protein, carbohydrate, fat, fibre, vitamins and amino acids contents; short and long term storage of mushroom; preparation of various dishes from mushroom. Medicinal value of mushroom – cultivation, extraction, isolation and identification of active principle from mushroom. Pharmacological and economic values of mushroom.

References:

1. F.Y.B.Sc Botany Practical Handbook
2. Parveen Garg, Mushroom Cultivation, TECHNO WORLD PRESS
3. V.P.Sharma, .Mushroom Cultivation in India 2007
4. Ashok Agrawal et. al. A Textbook on Mushroom Cultivation Theory & Practice

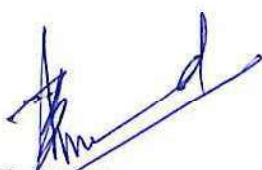
Aims and Objectives:

- ❖ To enable the students to identify the edible and poisonous mushrooms.
- ❖ To provide hands-on training for the preparation of bed for mushroom cultivation and its harvesting, pests and diseases control and post harvesting management.
- ❖ To provide the students awareness about the marketing trends of Mushrooms.
- ❖ To give the students exposure to the experiences of experts in the field and to functioning mushroom farms
- ❖ To help the students to learn a means of self-employment and income generation.


Principal
K. J. Somaiya College of Arts
Commerce & Science, Kopergaon

Prin .Dr .B.S. Yadav
(Chairman)


Dr.G.S.Shinde
(Member)


Dr. B.S.Gaikwad
Head
(Head and Member)
Department of Botany
K. J. Somaiya College, Kopergaon


Prof R.S. Landge
(Member)



Kopergaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopergaon.

Department of Botany

Important Notice

All *F.Y.B.Sc /T.Y.BSc & T.Y.BSc .(Botany)* Students are hereby inform that their short term course on **Mushroom Cultivation** in this academic year 2018-19 is scheduled from **10/01/2019** Course will be conducted at the Department of Botany. For such a course admission form will be available at the Department of Botany

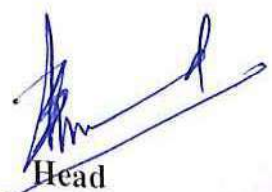
Last date for feeling admission form is 05/01/2019

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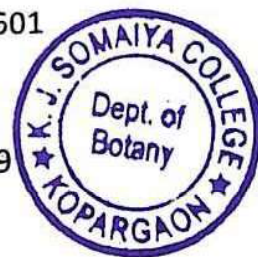
Note-

- Admission form available at Department of Botany.
- Certificate will be given after successfully completion of course.


Course Co-ordinator


Head
Department of Botany
Head
Department of Botany
K. J. Somaiya College, Kopergaon

Kopargaon Taluka Education Society's
K.J. Somaiya College of Arts, Commerce & Science, Kopargaon- 423 601
Department of Botany



Certificate Course in Mushroom Cultivation

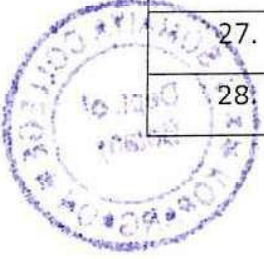
Academic Year- 2018-19

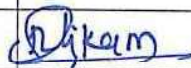
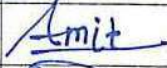
STUDENT ENROLMENT LIST

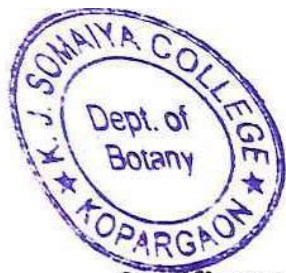
Sr. No.	Name of the Student	Signature
1.	Jawale Shweta Sudhir	<i>[Signature]</i>
2.	Rathi Shweta Devidas	<i>[Signature]</i>
3.	Rathi Shrutika Devidas	<i>[Signature]</i>
4.	Gosavi Sai Popat	<i>[Signature]</i>
5.	Shaikh Sumit Usman	<i>[Signature]</i>
6.	Joshi Vaishnavi Nitin	<i>[Signature]</i>
7.	Rahane Chandrakant Kailas	<i>[Signature]</i>
8.	Joshi Saish Umesh	<i>[Signature]</i>
9.	Jore Prathamesh Yogesh	<i>[Signature]</i>
10.	Sable Sandip Shivaji	<i>[Signature]</i>
11.	Sable Krishna Chandrakant	<i>[Signature]</i>
12.	Gudghe Maya Dattu	<i>[Signature]</i>
13.	Singar Akshay Pralhad	<i>[Signature]</i>
14.	Kadam Pratik Yashwant	<i>[Signature]</i>
15.	Jadhav Akshay Shantaram	<i>[Signature]</i>
16.	Jadhav Roshan Shivaji	<i>[Signature]</i>
17.	Chaudhari Nilesh Suresh	<i>[Signature]</i>
18.	Aabhale Rushikesh Mohan	<i>[Signature]</i>
19.	Pachore Sumit Paraji	<i>[Signature]</i>
20.	Pawar Rutika Sudhakar	<i>[Signature]</i>
21.	Rahane Divya Kisan	<i>[Signature]</i>
22.	Ranshing Sucheta Vikas	<i>[Signature]</i>
23.	Gursal Shweta Rajesh	<i>[Signature]</i>
24.	Gujar Yogita Popat	<i>[Signature]</i>
25.	Gaikwad Rahul Balasaheb	<i>[Signature]</i>

[Signature]
Head
Department of Botany
K. J. Somaiya College, Kopargaon

[Signature]
Principal
K.J. Somaiya College
Kopargaon



Sr. No.	Name of the Student	Signature
26.	Nikam Priyanka Dattatray	
27.	Wable Amit Kachru	
28.	Jadhav Rohit Minnath	



Kopergaon Taluka Education Society's
K.J. Somaiya College of Arts, Commerce & Science, Kopergaon- 423 601

Department of Botany

Certificate Course in Mushroom Cultivation

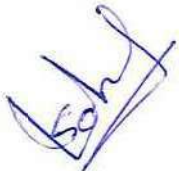
Class-F.Y.B.Sc.

Academic Year-2018/19

STUDENT ATTENDANCE

Sr. No.	Name of the Student	19/01/19	21/1/19	22/1/19	28/1/19	1/2/19	5/2/19	11/2/19	16/2/19	21/2/19	21/3/19
1.	Jawale Shweta Sudhir	Jawale	Jawale	Abseet	Jawale	Jawale	Jawale	Abseet	Jawale	Jawale	Jawale
2.	Rathi Shweta Devidas	Rathi	Rathi	Abseet	Rathi	Rathi	Rathi	Abseet	Rathi	Rathi	Rathi
3.	Rathi Shrutika Devidas	Rathi	Rathi	Rathi	Ab	Rathi	Rathi	Ab	Rathi	Rathi	Rathi
4.	Gosavi Sai Popat	Gosavi	Gosavi	AB	Gosavi	Gosavi	Gosavi	Gosavi	Ab	Gosavi	Gosavi
5.	Shaikh Sumit Usman	Shaikh	Shaikh	Ab	Shaikh	Ab	Shaikh	Shaikh	Shaikh	Shaikh	Shaikh
6.	Joshi Vaishnavi Nitin	Joshi	Joshi	Joshi	Joshi	Joshi	Ab	Joshi	Ab	Joshi	Joshi
7.	Rahane Chandrakant Kailas	Rahane	Rahane	Ab	Rahane	Rahane	Ab	Rahane	Rahane	Rahane	Rahane
8.	Joshi Saish Umesh	Joshi	Joshi	Joshi	Ab	Joshi	Joshi	Joshi	Ab	Joshi	Joshi
9.	Jore Prathamesh Yogesh	Jore	Jore	Jore	Jore	Ab	Jore	Ab	Jore	Jore	Jore
10.	Sable Sandip Shivaji	Sable	Sable	Sable	Ab	Sable	Sable	Ab	Sable	Sable	Sable
11.	Sable Krishna Chandrakant	Sable	Sable	Ab	Sable	Sable	Ab	Sable	Sable	Sable	Sable
12.	Gudghe Maya Dattu	Gudghe	Gudghe	Ab	Gudghe	Gudghe	Ab	Gudghe	Gudghe	Gudghe	Gudghe
13.	Singar Akshay Pralhad	Singar	Singar	Singar	Ab	Singar	Ab	Singar	Singar	Singar	Singar
14.	Kadam Pratik Yashwant	Kadam	Kadam	Kadam	Kadam	Ab	Kadam	Kadam	Ab	Kadam	Kadam
15.	Jadhav Akshay Shantaram	Jadhav	Jadhav	Ab	Jadhav	Jadhav	Ab	Jadhav	Jadhav	Jadhav	Jadhav

Sr. No.	Name of the Student	18/1/19	21/1/19	22/1	25/01	01/02	05/02	11/02	16/02	21/02/19	02/03/19
16.	Jadhav Roshan Shivaji	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
17.	Chaudhari Nilesh Suresh	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari	Chaudhari
18.	Aabhale Rushikesh Mohan	Aabhale	Aabhale	Aabhale	Aabhale	Aabhale	Aabhale	Aabhale	Aabhale	Aabhale	Aabhale
19.	Pachore Sumit Paraji	Pachore	Ab	Pachore	Pachore	Pachore	Ab	Pachore	Ab	Pachore	Pachore
20.	Pawar Rutika Sudhakar	Pawar	Pawar	Ab	Pawar	Pawar	Pawar	Ab	Pawar	Ab	Ab
21.	Rahane Divya Kisan	Rahane	Rahane	Rahane	Ab	Ab	Rahane	Rahane	Rahane	Rahane	Ab
22.	Ranshing Sucheta Vikas	Ranshing	Ranshing	Ranshing	Ranshing	Ranshing	Ab	Ab	Ranshing	Ranshing	Ranshing
23.	Gursal Shweta Rajesh	Ab	Ab	Gursal	Gursal	Gursal	Ab	Gursal	Gursal	Gursal	Gursal
24.	Gujar Yogita Popat	Gujar	Gujar	Gujar	Gujar	Ab	Gujar	Gujar	Ab	Ab	Gujar
25.	Gaikwad Rahul Balasaheb	Gaikwad	Gaikwad	Gaikwad	Gaikwad	Gaikwad	Ab	Ab	Gaikwad	Gaikwad	Ab
26.	Nikam Priyanka Dattatray	Nikam	Nikam	Ab	Nikam	Nikam	Nikam	Nikam	Ab	Ab	Nikam
27.	Wable Amit Kachru	Wable	Wable	Wable	Ab	Wable	Wable	Ab	Wable	Ab	Wable
28.	Jadhav Rohit Minnath	Rohit	Rohit	Rohit	Ab	Rohit	Rohit	Ab	Rohit	Rohit	Ab



Course Co-ordinator


Principal
K.J.Somaiya College
Kopergaon



Kopargaon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce and Science, Kopargaon.

Department of Botany

Important Notice

All Students participated in short term course i.e. "Mushroom Cultivation" are hereby inform that their exam on **Mushroom Cultivation** is conducted on **04/03/2019**.

After succesfully passing of an exam certificate will be provided to passed students.

Note-

- Attendance will compulsory .
- Exam is of 30 marks.
- Certificate will be given after qualifying the exam.

Course Co-ordinator

Head

Department of Botany
Head
Department of Botany
K. J. Somaiya College, Kopargaon

Kopargaon Taluka Education Society's
K.J. Somaiya College of Arts, Commerce & Science, Kopargaon- 423 601
Department of Botany

Certificate Course in Mushroom Cultivation Academic Year- 2018-19

STUDENT Mark List

Sr. No.	Name of the Student	Marks out of 30
1.	Jawale Shweta Sudhir	27
2.	Rathi Shweta Devidas	28
3.	Rathi Shrutika Devidas	28
4.	Gosavi Sai Popat	25
5.	Shaikh Sumit Usman	26
6.	Joshi Vaishnavi Nitin	29
7.	Rahane Chandrakant Kailas	27
8.	Joshi Saish Umesh	25
9.	Jore Prathamesh Yogesh	26
10.	Sable Sandip Shivaji	26
11.	Sable Krishna Chandrakant	26
12.	Gudghe Maya Dattu	28
13.	Singar Akshay Pralhad	25
14.	Kadam Pratik Yashwant	26
15.	Jadhav Akshay Shantaram	26
16.	Jadhav Roshan Shivaji	26
17.	Chaudhari Nilesh Suresh	26
18.	Aabhale Rushikesh Mohan	28
19.	Pachore Sumit Paraji	26
20.	Pawar Rutika Sudhakar	26
21.	Rahane Divya Kisan	28
22.	Ranshing Sucheta Vikas	28
23.	Gursal Shweta Rajesh	26
24.	Gujar Yogita Popat	26
25.	Gaikwad Rahul Balasaheb	27


Head
Department of Botany
K.J. Somaiya College of Arts, Commerce & Science, Kopargaon

Sr. No.	Name of the Student	Marks out of 30
26.	Nikam Priyanka Dattatray	24
27.	Wable Amit Kachru	23
28.	Jadhav Rohit Minnath	26



Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce & Science,
Mohanirajnagar, Kopargaon, Dist: Ahmednagar.

Certificate Course in Mushroom Cultivation

Report on completion of course

Department of Botany has been successfully completed the Course on Mushroom Cultivation in duration of 30 days. In this said course 28 students has been admitted from the classes of FY BSc, SY BSc & TY BSc having a Botany subject in this academic year 2018/19.

The main objective behind the course is to develop the ability of self employability in our students to enhance their production skill, marketing skill & the knowledge of commercial value of Mushrooms.

Course Outcomes-

- I. Student knows about the variety of edible mushroom.
- II. Commercial value of Mushrooms.
- III. Enhance knowledge and skills to support their daily life routine.
- IV. Use of raw organic material.
- V. Different Sterilization techniques.

Date-05/03/2019


Course Co-ordinator


Head
Department of Botany
Head
Department of Botany
K. J. Somaiya College, Kopargaon


Principal
K.J.Somaiya College
Kopargaon



**Kopargaon Taluka Education Society's
K.J.Somaiya College of Arts, Commerce & Science, Kopargaon- 423 601
Department of Botany**

INTERNAL EXAMINATION ON MUSHROOM CULTIVATION

TIME:01.30Hrs

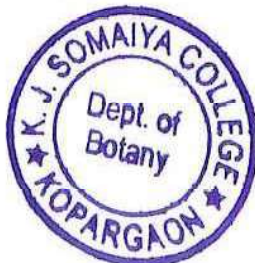
MAX MARKS: 30

Name of the Student-.....Class-

Que I. Choose the correct answer(Any 10)

Marks 10

1. *Agaricus bisporus* belongs to family_____.
- a. Agaricaceae b. Malvaceae c. Rubiaceae d. Solanaceae
2. _____ is known as 'Oyster mushroom'.
- a. *Pleurotus* b. *Volveriella* c. *Agaricus* d. None of the above
3. Preparation of compost for the mushroom requires.....days.
- a. 14-18 days b. 10 days c. 20 days d. 30 days
- 4.....is the name of Mushroom.
- a. *Funaria* b. *Dryopteris* c. *Agaricus* d. *Ferns*
- 5.....are mostly considered as the Mushrooms.
- a. Saprophytic fungus b. Autotrophic Algae
- c. Heterotrophic fungus d. None of the above
6. is a symptom of mushroom poisoning.
- a. Mild nausea b. Vomitting c. Diarrohea d. All of the Above
7. *Plurotus sajar-kaju* is also known as
- a. Paddy straw mushroom b. Dhingary Mushroom
- c. Button Mushroom d. None of the above



8) During Spawning temperature should be maintain between.....

a. 20-30 b. 55- 70 c. 80-100 d. 0-10

9) Mushroom having.....

a. Anticancer property b. Anti-aging property c. Antibiotic property d. all of the above

10. *Amanita muscaria* is

a. Edible b. Poisonous c. Non poisonous d. none of the above

11) Compost used for mushroom cultivation are.....

a. Natural compost b. Synthetic compost c. None of these

Que.II Answer in one sentence

Marks 10

a) Give the nutritional elements of mushrooms.

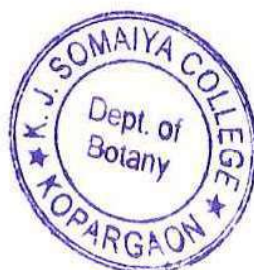
b) Name any 2 poisonous mushrooms.

c) What is spawn?

d) Define compost.

e) Give the classification of *Agaricus bisporus*.


Principal
K.J.Somaiya College
Kopargaon




Head
Department of Botany
K. J. Somaiya College, Kopargaon

Que III) Answer in brief

Marks 10

a. Give the medicinal benefits of Mushrooms

b.. Describe the paddy straw Mushroom cultivation in brief.

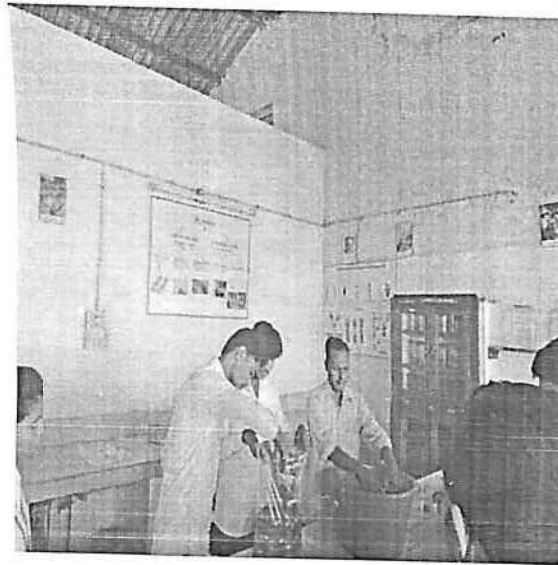

Head
Department of Botany
K. J. Somaiya College, Kopergaon




Principal
K.J. Somaiya College
Kopergaon



Cultural Practices



Substrate Preparation



Bagging



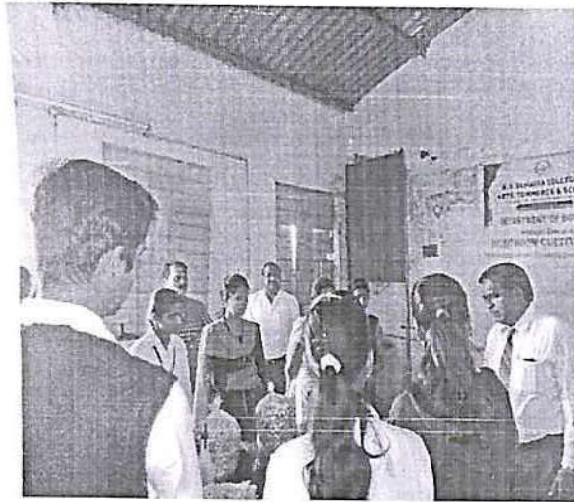
Needling



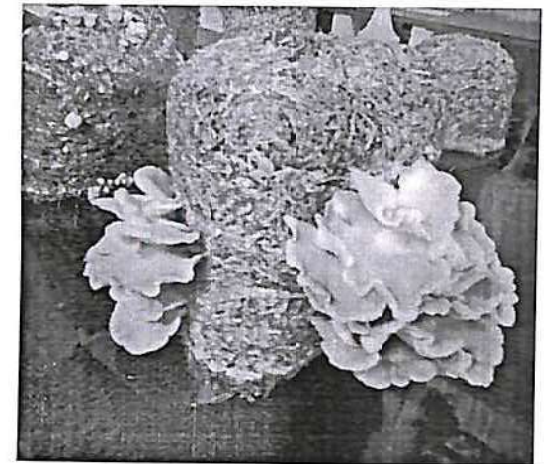
Final Touch



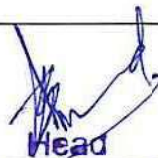
Hardening



Visited by Hon Principal Dr B.S.Yadav Sir & Dr.Pagare Sir



Hyphae formation,



Watering,

Full Growth

2019-20.



Kopergaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopergaon.

Department of Botany

Important Notice

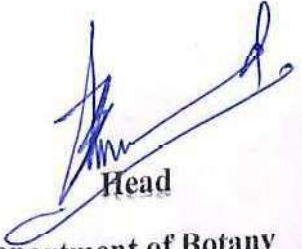
All *F.Y.B.Sc / S.Y.B.Sc & T.Y.B.Sc. (Botany)* Students are hereby inform that their short term course on "Mushroom Cultivation" in this academic year 2019-20 is scheduled from ~~04.02.20~~ ^{04.02.20}. Course will be conducted at the Department of Botany. For such a course admission form will be available at the Department of Botany

Last date for feeling admission form is 31.01.2020.

Note-

- Admission form available at Department of Botany.
- Certificate will be given after successfully completion of course.


Course Co-ordinator


Head
Department of Botany
Head
Department of Botany
K. J. Somaiya College, Kopergaon

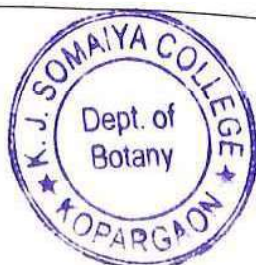
Kopargaon Taluka Education Society's
K.J. Somaiya College of Arts, Commerce & Science, Kopargaon- 423 601
Department of Botany

Certificate Course in Mushroom Cultivation

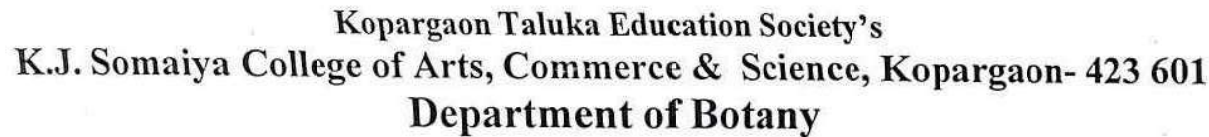
Academic Year- 2019-20

STUDENT ENROLLMENT LIST

Sr. No.	Name of the Student	Signature
1.	Avhad Rutuja Yogesh	Avhad
2.	Deogaonkar Sayali Lakshmikanth	Sayali D
3.	Pagar Vaishnavi Gorakh	Pagor V.G
4.	Shinde Shweta Changdeo	Shweta S.
5.	Vinchu Priti Aannasaheb	Priti V
6.	Honde Janardhan Ramchandra	Honde J
7.	Ghode Prashant Ashok	Ghode P
8.	Davange Abhishek Vinayak	Davange A.V
9.	Sanap Tejaswini Vilas	Tejaswini
10.	Barwant Poonam Balasaheb	Barwant P.D
11.	Wake Shubhangi Gorakh	S.G. Wake
12.	Inamke Leena Kishor	Leena K.T
13.	Sarode Jayashri Changdeo	Jayashri
14.	Pawar Shubhangi Anil	Shubhangi
15.	Jadhav Sainath Sarjerao	Sainath
16.	Shaikh Mayesra Yakub	Shaikh M.Y
17.	Gawali Ashirwad Somnath	G.A.S
18.	Kekan Shital Rajendra	Shital
19.	Dighe Minakshi Sambhaji	Dighe
20.	Ghumre Divya Subhash	Divya G
21.	Inamke Rutuja Sachin	Rutuja S
22.	Daund Riddhi Devidas	D.R.D
23.	Shaikh Ayesha Hasham	Ayesha
24.	Gosavi Sakshi Popat	Sakshi
25.	Kale Vaishnavi Rajendra	Vaishnavi



Principal
K.J. Somaiya College
Kopargaon



Academic Year-2019/20

[illegible]

Sr. No.	Name of the Student	04/02	05/02	06/02	11/02	18/02	23/02	27/02	28/02	02/03	05/03/20
16.	Shaikh Mayesra Yakub	shaikh	shaikh	shaikh	shaikh	shaikh	shaikh	shaikh	shaikh	shaikh	shaikh
17.	Gawali Ashirwad Somnath	G.A.S	G.A.S	G.A.S	G.A.S	G.A.S	G.A.S	G.A.S	G.A.S	G.A.S	G.A.S
18.	Kekan Shital Rajendra	Kekan	Kekan	Kekan	Kekan	Kekan	Kekan	Kekan	Kekan	Kekan	Kekan
19.	Dighe Minakshi Sambhaji	Dighe	Dighe	Dighe	Dighe	Dighe	Dighe	Dighe	Dighe	Dighe	Dighe
20.	Ghumre Divya Subhash	Divya.G	Divya.G	Divya.G	Divya.G	Divya.G	Divya.G	Divya.G	Divya.G	Divya.G	Divya.G
21.	Inamke Rutuja Sachin	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja
22.	Daund Riddhi Devidas	D.R.D	D.R.D	D.R.D	D.R.D	D.R.D	D.R.D	D.R.D	D.R.D	D.R.D	D.R.D
23.	Shaikh Ayesha Hasham	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha	Ayesha
24.	Gosavi Sakshi Popat	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi
25.	Kale Vaishnavi Rajendra	Kale	Kale	Kale	Kale	Kale	Kale	Kale	Kale	Kale	Kale

Course Co-ordinator

Head
Department of Botany
K. J. Somaiya College, Kopergaon

Principal
K.J.Somaiya College
Kopergaon



Kopargaoon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce and Science, Kopargaoon.

Department of Botany

Important Notice

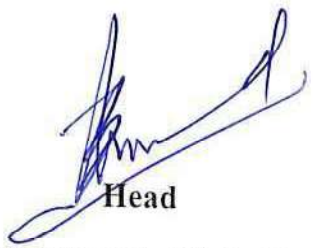
All Students participated in short term course i.e. **"Mushroom Cultivation"** are hereby inform that their exam on **Mushroom Cultivation** is conducted on **07/03/2020**

After succesfully passing of an exam certificate will be provided to passed students.

Note-

- Attendance will compulsory .
- Exam is of 30 marks.
- Certificate will be given after qualifying the exam.


Course Co-ordinator


Head
Department of Botany
Head
Department of Botany
K. J. Somaiya College, Kopargaoon

Kopargaon Taluka Education Society's
K.J. Somaiya College of Arts, Commerce & Science, Kopargaon- 423 601
Department of Botany

INTERNAL EXAMINATION ON MUSHROOM CULTIVATION

TIME: 01.30Hrs

MAX MARKS: 30

Que I. Choose the correct option (Any 10)

Marks 10



1. *Amanita muscaria* is

- a. Edible
- b. Poisonous
- c. Non poisonous
- d. none of the above

2. _____ is known as 'oyster mushroom'.

- a. Pleurotus
- b. Volvariella
- c. Agaricus
- d. None of the above

3. Preparation of compost for the mushroom requires.....days.

- a. 14-18 days
- b. 10 days
- c. 20 days
- d. 30 days

4. is the name of Mushroom.

- a. Funaria
- b. Dryopteris
- c. Agaricus
- d. Ferus

5. are mostly considered as the Mushrooms.

- a. Saprophytic fungus
- b. Autotrophic Algae
- c. Heterotrophic fungus
- d. None of the above

6. is a symptom of mushroom poisoning.

- a. Mild nausea

- b. Vomiting
- c. Diarrhea
- d. All of the Above

7. *Plurotus sajor-kaju* is also known as

- a. Paddy straw mushroom
- b. Dhingary Mushroom
- c. Button Mushroom
- d. None of the above

8) During Spawning temperature should be maintain between... ..

- a. 20-30
- b. 55- 70
- c. 80-100
- d. 0-10

9) Mushroom having....

- a. Anticancer property
- b. Anti-aging property
- c. Antibiotic property
- d. All of the above

10 *Agaricus bisporus* belongs to family _____.

- a. Agaricaceae
- b. Malvaceae
- c. Rubiaceae
- d. Solanaceae

11) Compost used for mushroom cultivation are:

- a. Natural compost
- b. Synthetic compost
- c. None of these

Que.II Answer in one sentence

Marks 10

- a) Give the nutritional elements of mushrooms.
- b) Name any 2 poisonous mushrooms.
- c) What is spawn?
- d) Define compost.
- e) Give the classification of *Agaricus bisporus*.


Head
Department of Botany
K. J. Somaiya College, Kopergaon

Que III) Answer in brief

Marks 10

1. Describe the paddy straw mushroom cultivation in brief.
2. Give the medicinal benefits of mushrooms.



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Department of Botany
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K.J. Somaiya College of Arts, Commerce & Science, Kopargaon- 423 601
Department of Botany

Certificate Course in Mushroom Cultivation

Academic Year- 2019-20

Exam Result

Sr. No.	Name of the Student	Marks out of 30
1.	Avhad Rutuja Yogesh	25
2.	Deogaonkar Sayali Lakshmikan	26
3.	Pagar Vaishnavi Gorakh	25
4.	Shinde Shweta Changdeo	28
5.	Vinchu Priti Aannasaheb	26
6.	Honde Janardhan Ramchandra	22
7.	Ghode Prashant Ashok	25
8.	Davange Abhishek Vinayak	23
9.	Sanap Tejaswini Vilas	25
10.	Barwant Poonam Balasaheb	24
11.	Wake Shubhangi Gorakh	22
12.	Inamke Leena Kishor	22
13.	Sarode Jayashri Changdeo	20
14.	Pawar Shubhangi Anil	24
15.	Jadhav Sainath Sarjerao	24
16.	Shaikh Mayesra Yakub	26
17.	Gawali Ashirwad Somnath	21
18.	Kekan Shital Rajendra	22
19.	Dighe Minakshi Sambhaji	26
20.	Ghumre Divya Subhash	26
21.	Inamke Rutuja Sachin	25
22.	Daund Riddhi Devidas	24
23.	Shaikh Ayesha Hasham	24
24.	Gosavi Sakshi Popat	26
25.	Kale Vaishnavi Rajendra	22


Head
Department of Botany
K.J. Somaiya College, Kopargaon



Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce & Science,
Mohanirajnagar, Kopargaon, Dist: Ahmednagar.

Certificate Course in Mushroom Cultivation

Report on completion of course

Department of Botany has been successfully completed the Course on Mushroom Cultivation in duration of 30 days. In this said course 25 students has been admitted from the classes of FY BSc, SY BSc & TY BSc having a Botany subject.

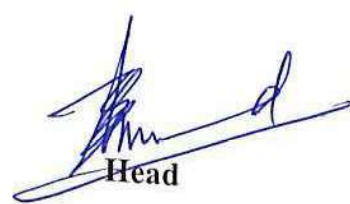
The main objective behind the course is to develop the ability of self employability in our students to enhance their production skill, marketing skill & the knowledge of commercial value of Mushrooms.

Course Outcomes-

- I. Student knows about the variety of edible mushroom.
- II. Commercial value of Mushrooms.
- III. Enhance knowledge and skills to support their daily life routine.
- IV. Use of raw organic material.
- V. Different Sterilization techniques.

Date- 07/03/2020


Course Co-ordinator


Head

Department of Botany
Head
Department of Botany
K. J. Somaiya College, Kopargaon


Principal
K. J. Somaiya College
Kopargaon



Kopargaoon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaoon.

Department of Botany

Important Notice

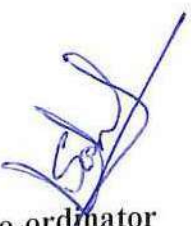
All *F.Y.B.Sc /T.Y.BSc & T.Y.BSc (Botany)* Students are hereby inform that their short term course on **Mushroom Cultivation** in this academic year 2020/21 is scheduled from 01/05/21..Course will be conducted by the Department of Botany on online mode. For such a course Google form link will be available on your whatsapp group.

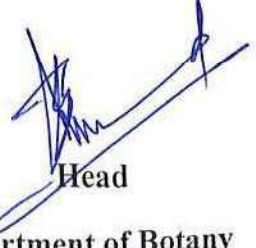
Last date for feeling admission form is 30/04/2020

..

Note-

- Certificate will be provided by online mode after successfully completion of course.


Course Co-ordinator


Head
Department of Botany
Head
Department of Botany
K. J. Somaiya College, Kopargaoon

Kopargaon Taluka Education Society's
K.J. Somaiya College of Arts, Commerce & Science, Kopargaon- 423 601
Department of Botany

Certificate Course in Mushroom Cultivation

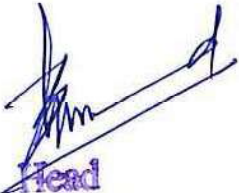
Academic Year- 2020-21

STUDENT ENROLLMENT LIST (online mode)

Sr. No.	Name of the Student	Signature
1.	Hon Mahesh Shantilal	
2.	Pawar Ganesh Karna	
3.	Shaikh Arbaj Anis	
4.	Wakchaure Prathamesh Navnath	
5.	Divte Tejas Raosaheb	
6.	Wagh Pranay Balasaheb	
7.	Ranshur Shraddha Ashok	
8.	Pawar Maya Changdeo	
9.	Jamdar Anuja Macchindra	
10.	Tamboli Saniya Riyaz	
11.	Kurkute Sayali Dattatray	
12.	Bhavar Rupali Ramesh	
13.	Vishwas Urmila Somnath	
14.	Gotral Nikita Gokul	
15.	Kale Vaishnavi Rajendra	
16.	Sable Pooja Chandrakant	
17.	Borbane Archana Bhaskar	
18.	Jadhav Komal Sitaram	
19.	Bairagi Shital Omkardas	
20.	Najgad Pranavi Gorakshyanath	
21.	Pagare Pallavi Hemant	
22.	Teke kartiki Rajendra	
23.	Gaikwad Aarti Ramnath	
24.	Chavandake Girija Santosh	
25.	Pawar Pratibha Santosh	
26.	Nikam Sakshi Nanasaheb	


Department of Botany
K. J. Somaiya College, Kopargaon

27.	Jeughale Rupali Nanasaheb	
28.	Divekar Omkar Sunil	
29.	Pangavhane Sayali Sarjerao	
30.	Gotral Nikita Gokul	
31.	Divate Tejas Ravsaheb	
32.	Bhujade Renuka Sanjay	
33.	Thorat Mitali Sambhaji	
34.	Darekar Komal Navnath	
35.	Khandizod Varsha Shivaji	
36.	Kadam Rushikesh Gangadhar	



Head

Department of Botany

K. J. Somaiya College, Kopergaon

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Kopargaon Taluka Education Society's
K.J. Somaiya College of Arts, Commerce & Science, Kopargaon- 423 601
Department of Botany

Certificate Course in Mushroom Cultivation

Academic Year-2020/21

STUDENT ATTENDANCE

Sr. No.	Name of the Student	01/05/20	02/05	03/05	06/05	07/05	09/05	13/05	15/05	17/05	18/05/20
1.	Hon Mahesh Shantilal	P	P	A	P	P	P	P	P	A	A
2.	Pawar Ganesh Karna	P	P	P	P	A	A	P	P	P	P
3.	Shaikh Arbaj Anis	P	P	P	P	P	P	P	P	P	P
4.	Wakchaure Prathamesh Navnath	A	A	A	P	A	A	P	A	A	A
5.	Divte Tejas Raosaheb	P	P	P	P	A	P	P	P	P	A
6.	Wagh Pranay Balasaheb	A	A	A	P	A	A	P	A	A	A
7.	Ranshur Shraddha Ashok	P	P	P	P	A	P	P	A	P	P
8.	Pawar Maya Changdeo	A	A	P	A	A	P	A	A	A	P
9.	Jamdar Anuja Macchindra	A	A	P	A	A	P	A	A	A	A
10.	Tamboli Saniya Riyaz	P	P	P	P	A	P	P	P	A	P
11.	Kurkute Sayali Dattatray	P	P	P	P	P	P	P	P	P	P
12.	Bhavar Rupali Ramesh	A	A	A	A	P	A	A	A	A	P
13.	Vishwas Urmila Somnath	P	P	P	A	P	P	P	A	P	P
14.	Gotral Nikita Gokul	P	P	A	P	P	P	P	A	P	P
15.	Kale Vaishnavi Rajendra	A	P	A	A	A	A	A	A	A	A

Sr. No.	Name of the Student	01/05	02/05	03/05	06/05	07/05	09/05	13/05	15/05	17/05	18/05/20
16.	Sable Pooja Chandrakant	P	P	P	P	A	P	P	P	P	P
17.	Borbane Archana Bhaskar	P	P	P	A	P	P	P	P	P	P
18.	Jadhav Komal Sitaram	P	P	P	P	P	P	P	P	P	P
19.	Bairagi Shital Omkardas	P	P	P	P	P	P	P	P	P	P
20.	Najgad Pranavi Gorakshyanath	A	P	P	P	P	P	P	P	P	A
21.	Pagare Pallavi Hemant	P	P	A	A	P	P	P	P	P	P
22.	Teke kartiki Rajendra	P	P	P	P	A	P	A	P	P	A
23.	Gaikwad Aarti Ramnath	P	P	P	P	P	A	P	P	P	A
24.	Chavandake Girija Santosh	P	P	P	P	P	P	P	P	A	A
25.	Pawar Pratibha Santosh	P	P	P	P	P	P	P	P	P	P
26.	Nikam Sakshi Nanasaheb	P	A	A	P	P	P	P	P	P	P
27.	Jeughale Rupali Nanasaheb	A	P	P	P	P	P	P	P	P	A
28.	Divekar Omkar Sunil	P	P	P	P	A	A	P	P	P	A
29.	Pangavhane Sayali Sarjerao	P	P	P	A	A	P	P	P	P	P
30.	Gotral Nikita Gokul	A	P	P	P	P	P	P	P	P	P
31.	Divate Tejas Ravsaheb	P	P	P	P	P	P	P	P	P	P
32.	Bhujade Renuka Sanjay	A	P	A	P	P	P	P	P	P	P
33.	Thorat Mitali Sambhaji	P	P	P	P	P	A	P	P	P	P
34.	Darekar Komal Navnath	P	P	A	P	P	P	P	P	P	A

Sr. No.	Name of the Student	01/05	02/05	03/05	06/05	07/05	09/05	13/05	15/05	17/05	18/05/20
35.	Khandizod Varsha Shivaji	P	P	P	A	P	A	P	P	P	P
36.	Kadam Rushikesh Gangadhar	P	P	P	P	P	P	P	P	P	P


Course Co-ordinator


Principal
K. J. Somaiya College
Kopergaon


Head
Department of Botany
K. J. Somaiya College, Kopergaon

Kopargaon Taluka Education Society's
K.J. Somaiya College of Arts, Commerce & Science, Kopargaon- 423 601
Department of Botany

Certificate Course in Mushroom Cultivation

Academic Year- 2020-21



STUDENT MARK LIST

Sr. No.	Name of the Student	Marks out of 20
1.	Hon Mahesh Shantilal	16
2.	Pawar Ganesh Karna	18
3.	Shaikh Arbaj Anis	17
4.	Wakchaure Prathamesh Navnath	18
5.	Divte Tejas Raosaheb	19
6.	Wagh Pranay Balasaheb	19
7.	Ranshur Shraddha Ashok	19
8.	Pawar Maya Changdeo	20
9.	Jamdar Anuja Macchindra	19
10.	Tamboli Saniya Riyaz	15
11.	Kurkute Sayali Dattatray	16
12.	Bhavar Rupali Ramesh	14
13.	Vishwas Urmila Somnath	18
14.	Gotral Nikita Gokul	18
15.	Kale Vaishnavi Rajendra	19
16.	Sable Pooja Chandrakant	19
17.	Borbane Archana Bhaskar	19
18.	Jadhav Komal Sitaram	20
19.	Bairagi Shital Omkardas	20
20.	Najgad Pranavi Gorakshyanath	19
21.	Pagare Pallavi Hemant	18
22.	Teke kartiki Rajendra	19
23.	Gaikwad Aarti Ramnath	19
24.	Chavandake Girija Santosh	20
25.	Pawar Pratibha Santosh	19
26.	Nikam Sakshi Nanasaheb	20

27.	Jeughale Rupali Nanasaheb	19
28.	Divekar Omkar Sunil	19
29.	Pangavhane Sayali Sarjerao	18
30.	Gotral Nikita Gokul	20
31.	Divate Tejas Ravsaheb	20
32.	Bhujade Renuka Sanjay	20
33.	Thorat Mitali Sambhaji	19
34.	Darekar Komal Navnath	19
35.	Khandizod Varsha Shivaji	19
36.	Kadam Rushikesh Gangadhar	18


 Head
 Department of Botany
 K. J. Somaiya College, Kopergaon


 Principal
 K.J. Somaiya College
 Kopergaon



Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce & Science,
Mohanirajnagar, Kopargaon, Dist: Ahmednagar.

Certificate Course in Mushroom Cultivation

Report on completion of course

Department of Botany has been successfully completed the Course on Mushroom Cultivation in duration of 20 days. In this said course 36 students has been admitted from the classes of FY BSc, SY BSc & TY BSc having a Botany subject in this academic year 2020-21.

The main objective behind the course is to develop the ability of self employability in our students to enhance their production skill, marketing skill & the knowledge of commercial value of Mushrooms.

Course Outcomes-

- I. Student knows about the variety of edible mushroom.
- II. Commercial value of Mushrooms.
- III. Enhance knowledge and skills to support their daily life routine.
- IV. Use of raw organic material.
- V. Different Sterilization techniques.

Date- 18/05/2020

Course Co-ordinator

Head

Department of Botany

Head

Department of Botany

K. J. Somaiya College, Kopargaon

Principal

**K.J. Somaiya College
Kopargaon**



Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopargaon.

Department of Botany

Important Notice

All *T.Y.BSc /T.Y.BSc & T.Y.BSc. (Botany)* Students are hereby inform that their short term course on **Mushroom Cultivation** in this academic year 2021-22 is scheduled from **06/08/2021**. Course will be conducted at the Department of Botany. For such a course admission form will be available at the Department of Botany

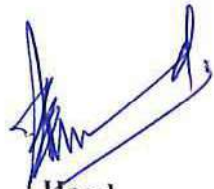
Last date for feeling admission form is 30/07/2021

..

Note-

- Admission form available at Department of Botany.
- Certificate will be given after successfully completion of course.


Course Co-ordinator


Head
Department of Botany
Head
Department of Botany
K. J. Somaiya College, Kopargaon

Kopergaon Taluka Education Society's
K.J. Somaiya College of Arts, Commerce & Science, Kopergaon- 423 601
Department of Botany

Certificate Course in Mushroom Cultivation

Academic Year- 2021/22



STUDENT ENROLLMENT LIST

Sr. No.	Name of the Student	Signature
1.	Gondkar Tejaswini Khandu	
2.	Lohakine Anushka Sudhakar.	
3.	Wake Shubhangi Gorakh.	
4.	Ghaze Monika Rajendra.	
5.	Somvanshi Tanuja Dadasaheb.	
6.	Jadhav Manisha Gorakh.	
7.	Hon Mohit Manikrao.	
8.	Take snehal shrikant	
9.	Kadu Prachi Somnath.	
10.	Lekhanje Satwik Vitthal.	
11.	Kestale Khushi Anand.	
12.	Kasare Pooja Vikas	
13.	Gaikwad Vaishnavi Ramnath.	
14.	Jadhav Manisha Shantaram.	
15.	Malawade Vaishnavi Radhakrishna.	
16.	Jangerhane Gayatri Bhauasaheb.	
17.	Ganbete Shradha Nitin.	
18.	Jenghale Kufali Dattatray	
19.	Wagh Nutan Prabhoakar	
20.	Dighe Surana Chandrasant	
21.	Bodhe Shradha Sachinbhai	
22.	Pawar Nikita Dadasaheb.	
23.	Kharat Asti Sudhakar	
24.	Pawar Pratinidya Laxman.	
25.	Chaudhari Abhishek	

Head
Department of Botany
K. J. Somaiya College, Kopergaon

Sr. No.	Name of the Student	06/08	07/08	09/08	12/08	17/08	23/08	29/08	31/08	02/09	05/09
16.	Pangarkhane Gayatri	Gayatri	ab	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri
17.	garbote shradha N.	Garbote	Garbote	ab	Garbote	Garbote	ab	Garbote	Garbote	Garbote	Garbote
18.	Jenghale Rupali D.	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali	Rupali	ab	Rupali
19.	Wagh Nutan P.	Nutan	Nutan	Nutan	ab	Nutan	Nutan	Nutan	ab	Nutan	Nutan
20.	Dighe Surasna C.	Dighe	Dighe	ab	Dighe	Dighe	Dighe	Dighe	Dighe	Dighe	Dighe
21.	Radhe shradha S.	Radhe	ab	Radhe	Radhe	Radhe	Radhe	Radhe	Radhe	Radhe	Radhe
22.	Faware Nikita D.	Nikita	ab	Nikita	Nikita	Nikita	Nikita	Nikita	Nikita	Nikita	Nikita
23.	Khazat Xarti S.	Khazat	Khazat	Khazat	Khazat	Khazat	Khazat	Khazat	Khazat	Khazat	Khazat
24.	Faware Pralidnya L.	Faware	Faware	Faware	Faware	ab	Faware	Faware	Faware	ab	Faware
25.	chaudhari Abhishek	Abhishek	Abhishek	ab	Abhishek	Abhishek	ab	Abhishek	Abhishek	Abhishek	Abhishek

Course Co-ordinator

Head
Department of Botany
K. J. Somaiya College, Kopergaon

Principal
K.J.Somaiya College
Kopergaon



Kopergaon Taluka Education Society's
K.J. Somaiya College of Arts, Commerce & Science, Kopergaon- 423 601
Department of Botany

INTERNAL EXAMINATION ON MUSHROOM CULTIVATION

TIME: 01.30Hrs

MAX MARKS: 30

Name of the student-.....Class-

Que.I Answer in one sentence

Marks 10

a) Give the nutritional elements of mushrooms.

b) Name any 2 poisonous mushrooms.

c) What is spawn?

d) Define compost.

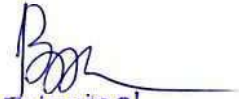
e) Give the classification of *Agaricus bisporus*.

Que III) Answer in brief

Marks 20

1. Describe the composting technology in mushroom production.
2. Write a note on marketing of mushrooms.
3. Describe the paddy straw mushroom cultivation in brief.
4. Give the medicinal benefits of mushrooms.


Head
Department of Botany
K. J. Somaiya College, Kopergaon


Principal
K. J. Somaiya College
Kopergaon



Kopargaon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce and Science, Kopargaon.

Department of Botany

Important Notice

All Students participated in short term course i.e. "**Mushroom Cultivation**" are hereby inform that their exam on **Mushroom Cultivation** is conducted on **11/09/2021**

After succesfully passing of an exam certificate will be provided to passed students.

..

Note-

- Attendance will compulsory .
- Exam is of 30 marks.
- Certificate will be given after qualifying the exam.


Course Co-ordinator


Head

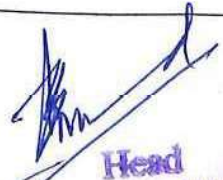
Department of Botany
Head
Department of Botany
K. J. Somaiya College, Kopargaon

Kopargaon Taluka Education Society's
K.J. Somaiya College of Arts, Commerce & Science, Kopargaon- 423 601
Department of Botany

Certificate Course in Mushroom Cultivation Academic Year- 2021/22

Exam Result

Sr. No.	Name of the Student	Marks out of 30
1.	Gondkar Tejaswini Khandu	25
2.	Lohakane Anushka Sudhakar	26
3.	Wake Shubhangi Gorakh	26
4.	Ghare Monika Rajendra	24
5.	Somwanshi Tanuja Dadasaheb	25
6.	Jadhav Manisha Gorakh	25
7.	Hon Mohit Manikrao	26
8.	Teke Snehal Shrikant	24
9.	Kadu Prachi Somnath	24
10.	Lokhande Satwik Vitthal	22
11.	Kudale Khushi Aanand	25
12.	Kasar Pooja Vikas	25
13.	Gaikwad Vaishnavi Ramnath	24
14.	Jadhav Manisha Shantaram	26
15.	Malawade Vaishnavi Radhakrishna	24
16.	Pangavhane Gayatri Bhausaheb	23
17.	Ganbote Shraddha Nitin	26
18.	Jeughale Rupali Dattatray	22
19.	Wagh Nutan Prabhakar	24
20.	Dighe Suvarna Chandrakant	25
21.	Badhe Shraddha Sakharari	25
22.	Pawar Nikita Dadasaheb	26
23.	Kharat Aarti Sudhakar	24
24.	Pawar Pratidnya Laxman	24
25.	Chaudhari Abhishek	25


Head
Department of Botany
K. J. Somaiya College, Kopargaon



Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce & Science,
Mohanirajnagar, Kopargaon, Dist: Ahmednagar.

Certificate Course in Mushroom Cultivation

Report on completion of course

Department of Botany has been successfully completed the Course on Mushroom Cultivation in duration of 30 days. In this said course 25 students has been admitted from the classes of FY BSc, SY BSc & TY BSc having a Botany subject.

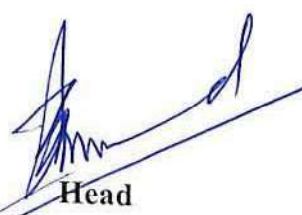
The main objective behind the course is to develop the ability of self employability in our students to enhance their production skill, marketing skill & the knowledge of commercial value of Mushrooms.

Course Outcomes-

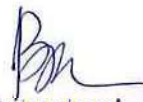
- I. Student knows about the variety of edible mushroom.
- II. Commercial value of Mushrooms.
- III. Enhance knowledge and skills to support their daily life routine.
- IV. Use of raw organic material.
- V. Different Sterilization techniques.

Date-

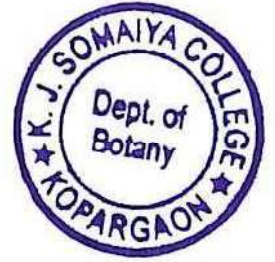

Course Co-ordinator


Head
Department of Botany

Head
Department of Botany
K. J. Somaiya College, Kopargaon


Principal
K.J.Somaiya College
Kopargaon

2022-23



Kopergaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce and Science, Kopergaon.

Department of Botany

Important Notice

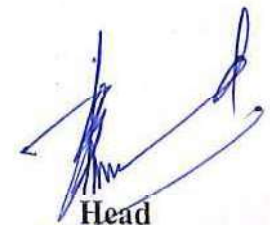
All *F.Y.B.Sc / S.Y.B.Sc & T.Y.B.Sc (Botany)* Students are hereby inform that their short term course on **Mushroom Cultivation** in this academic year 2022-23 is scheduled from ~~1.6/08/22~~ 08/08/22. Course will be conducted at the Department of Botany. For such a course admission form will be available at the Department of Botany

Last date for feeling admission form is... 08/08/22

Note-

- Admission form available at Department of Botany.
- Certificate will be given after successfully completion of course.


Course Co-ordinator


Head
Department of Botany
K. J. Somaiya College, Kopergaon



**Kopergaon Taluka Education Society's
K.J. Somaiya College of Arts, Commerce & Science, Kopergaon- 423 601
Department of Botany**

Certificate Course in Mushroom Cultivation

Academic Year- 2022/23

Student List

Sr. No.	Name of the Student	Signature
1.	Pandore Jyoti Sandip	
2.	Chatur Puja Gopinath	
3.	Shaikh Sadiya Rafik	
4.	Mali Avantika Anand	
5.	Dhakane Prajwal Aajinath	
6.	Gawali Vishal Rajendra	
7.	Shinde Nikita Sanjay	
8.	Jagdale Sakshi Ganesh	
9.	Fatangare Ashish Rajendra	
10.	Vahadane Dipali Babasaheb	
11.	Bankar Sakshi Appasaheb	
12.	Borban Anjali Balasaheb	
13.	Dushing Komal Sanjay	
14.	Achhari Ishvari Vikas	
15.	Sonawane Akshada Suresh	
16.	Bhalerao Trupti Pramod	
17.	Shinde Nikita Somnath	
18.	Kalwaghe Sejal Sudhir	
19.	Shinde Umesh Ravsaheb	
20.	Mehetre Rushikesh Baburao	
21.	Shinde Nikita Sanjay	
22.	Jagdale Sakshi Ganesh	
23.	Fatangare Ashish Rajendra	
24.	Vahadane Dipali Babasaheb	
25.	Bankar Sakshi Appasaheb	

26.	Bhosale Pratik Sarjerao	<u>Pratik</u>
27.	Badhe Shraddha Sakahari	<u>B.S.S.</u>
28.	Kharat Aarti Sudhakar	<u>Aarti</u>
29.	Pawar Pratidnya Laxman	<u>Pawar</u>
30.	Hon Rutuja Dharmnath	<u>Rutuja</u>
31.	Dighe Suvarna Chandrkant	<u>Dighe</u>
32.	Pachore Jyoti Babasaheb	<u>Pachore</u>
33.	Gunjal Pranjal Anil	<u>Gunjal</u>
34.	Hon Komal Subhash	<u>Komal</u>
35.	Pawar Nikita Dadasaheb	<u>P.N.D.</u>
36.	Rahane Pankaj Bandu	<u>Pankaj</u>
37.	Chaudhari Abhishek Ramesh	<u>Abhishek</u>
38.	Kangare Akanksha Rajendra	<u>A.K.A.</u>
39.	Chikane Kalyani Sanjay	<u>Chikane</u>
40.	Barhate Sanket Kishor	<u>Barhate</u>
41.	Pandore Jyoti Sandip	<u>Jyoti</u>
42.	Jadhav Snehal Sandip	<u>Snehal</u>


Head
 Department of Botany
 K. J. Somaiya College, Kopergaon


Principal
 K.J.Somaiya College
 Kopergaon

Academic Year-2022/23

Sr. No.	Name of the Student	18/08/22	19/08	20/08	23/08	24/08	25/08	27/08	28/08	29/08	31/08	07/09/22
1.	Pandore Jyoti Sandip	JP	JP	JP	Ab	JP	JP	JP	Ab	JP	JP	
2.	Chatur Puja Gopinath	Puja	Puja	Puja	Puja	Ab	Puja	Puja	Puja	Ab	Ab	
3.	Shaikh Sadiya Rafik	SS	SS	SS	SS	SS	Ab	SS	SS	SS	SS	
4.	Mali Avantika Anand	Avanti	Avanti	Avanti	Avanti	Avanti	Avanti	Ab	Avanti	Avanti	Avanti	
5.	Dhakane Prajwal Aajinath	Dhakar	Dhakar	Dhakar	Dhakar	Ab	Dhakar	Dhakar	Dhakar	Dhakar	Dhakar	Ab
6.	Gawali Vishal Rajendra	Vishal	vishal	vishal	Ab	vishal	vishal	Ab	vishal	vishal	vishal	vishal
7.	Shinde Nikita Sanjay	Niki	Niki	Niki	Niki	Ab	Niki	Ab	Niki	Niki	Niki	Ab
8.	Jagdale Sakshi Ganesh	Jagdale	Jagdale	Jagdale	Jagdale	Ab	Jagdale	Jagdale	Ab	Jagdale	Jagdale	
9.	Fatangare Ashish Rajendra	Ashish	Ab	Ashish	Ashish	Ab	Ashish	Ab	Ashish	Ashish	Ashish	
10.	Vahadane Dipali Babasaheb	Dipali	Ab	Dipali	Ab	Dipali	Dipali	Dipali	Ab	Dipali	Ab	
11.	Bankar Sakshi Appasaheb	B.S.A	B.S.A	B.S.A	Ab	B.S.A	B.S.A	B.S.A	B.S.A	Ab	B.S.A	
12.	Borbanе Anjali Balasaheb	Anjali	Ab	Anjali	Anjali	Ab	Anjali	Anjali	Anjali	Anjali	Anjali	
13.	Dushing Komal Sanjay	Komal	Komal	Ab	Komal	Komal	Ab	Komal	Komal	Komal	Komal	
14.	Achari Ishvari Vikas	Achari	Achari	Ab	Achari	Achari	Achari	Ab	Achari	Achari	Achari	Ab
15.	Sonawane Akshada Suresh	Ab	S.A	S.A	S.A	SA	S.A	S.A	S.A	S.A	S.A	Ab

Sr. No.	Name of the Student	18/08	19/08	20/08	21/08	22/08	23/08	24/08	25/08	26/08	27/08	28/08	29/08	30/08	31/08
16.	Bhalerao Trupti Pramod	Trupti	Trupti	Trupti	Trupti	Ab	Trupti	Trupti	Trupti	Trupti	Trupti	Trupti	Trupti	Trupti	Trupti
17.	Shinde Nikita Somnath	S.N.S	S.N.S	S.N.S	Ab	S.N.S	S.N.S	Ab	S.N.S	S.N.S	S.N.S	S.N.S	S.N.S	S.N.S	S.N.S
18.	Kalwaghe Sejal Sudhir	Sejal	Sejal	Sejal	Sejal	Ab	Sejal	Sejal	Sejal	Sejal	Sejal	Sejal	Sejal	Sejal	Sejal
19.	Shinde Umesh Ravsaheb	shinde	shinde	Ab	shinde	Ab	shinde	shinde	shinde	shinde	shinde	shinde	shinde	Ab	shinde
20.	Mehetre Rushikesh Baburao	rushi	rushi	Ab	rushi	rushi	rushi	Ab	rushi	rushi	rushi	rushi	rushi	rushi	rushi
21.	Shinde Nikita Sanjay	S.N.	S.N	S.N	Ab	S.N	Ab	S.N	S.N	S.N	S.N	S.N	S.N	S.N	S.N
22.	Jagdale Sakshi Ganesh	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Ab	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi
23.	Fatangare Ashish Rajendra	A.F	A.F	A.F	A.F	A.F	Ab	A.F	A.F	A.F	A.F	A.F	A.F	A.F	A.F
24.	Vahadane Dipali Babasaheb	Dipali	Dipali	Dipali	Dipali	Dipali	Dipali	Dipali	Dipali	Dipali	Dipali	Dipali	Dipali	Ab	Dipali
25.	Bankar Sakshi Appasaheb	Sakshi	Sakshi	Sakshi	Ab	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi	Sakshi
26.	Bhosale Pratik Sarjerao	Pratik	Pratik	Ab	Pratik	Pratik	Ab	Pratik	Pratik	Pratik	Pratik	Ab	Pratik	Pratik	Pratik
27.	Badhe Shraddha Sakshahari	B.S.S	B.S.S	B.S.S	B.S.S	Ab	B.S.S	B.S.S	B.S.S	B.S.S	B.S.S	B.S.S	B.S.S	B.S.S	B.S.S
28.	Kharat Aarti Sudhakar	Aarti	Aarti	Aarti	Ab	Aarti	Aarti	Aarti	Ab	Aarti	Aarti	Ab	Aarti	Aarti	Aarti
29.	Pawar Pratidnya Laxman	Pawar	Ab	Pawar	Ab	Pawar	Ab	Pawar	Pawar	Pawar	Pawar	Ab	Pawar	Pawar	Pawar
30.	Hon Rutuja Dharmanath	Rutuja	Rutuja	Rutuja	Ab	Ab	Rutuja	Ab	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja
31.	Dighe Suvarna Chandrakant	Dighe	Ab	Dighe	Ab	Dighe	Dighe	Dighe	Dighe	Ab	Dighe	Dighe	Dighe	Dighe	Dighe
32.	Pachore Jyoti Babasaheb	Pachore	Pachore	Pachore	Pachore	Pachore	Pachore	Pachore	Pachore	Ab	Pachore	Pachore	Pachore	Pachore	Pachore
33.	Gunjal Pranjal Anil	Gunjal	Gunjal	Ab	Gunjal	Gunjal	Gunjal	Ab	Gunjal	Gunjal	Gunjal	Gunjal	Gunjal	Ab	Gunjal
34.	Hon Komal Subhash	Komal	Komal	Komal	Ab	Komal	Komal	Komal	Komal	Komal	Komal	Ab	Komal	Komal	Komal
35.	Pawar Nikita Dadasaheb	P.N.D	P.N.D	P.N.D	Ab	P.N.D	P.N.D	P.N.D	P.N.D	Ab	P.N.D	P.N.D	P.N.D	P.N.D	P.N.D

Sr. No.	Rahane Pankaj Bandu	18/08	19/08	20/08	24/08	25/08	29/08	01/09	05/09/20	05/09	07/09/20
36.	Chaudhari Abhishek Ramesh	l.c	l.c	l.c	l.c	l.c	l.c	l.c	Ab	Ab	l.c
37.	Kangare Akanksha Rajendra	K.A	K.A	Ab	K.A	K.A	K.A	Ab	K.A	Ab	K.A
38.	Chikane Kalyani Sanjay	chikane	chikane	Ab	chikane	chikane	chikane	chikane	chikane	chikane	Ab
39.	Barhate Sanket Kishor	Barhate	Barhate	Barhate	Barhate	Barhate	Ab	Barhate	Barhate	Ab	Barhate
40.	Pandore Jyoti Sandip	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Ab	Jyoti	Jyoti	Jyoti
41.	Jadhav Snehal Sandip	Jadhav	Jadhav	Jadhav	Jadhav	Ab	Jadhav	Jadhav	Ab	Jadhav	Jadhav
42.	Jadhav Snehal Sandip	snehal	snehal	snehal	snehal	Ab	snehal	snehal	snehal	Ab	snehal


Course Co-ordinator


Head
Department of Botany
K. J. Somaiya College, Kopergaon


Principal
K.J. Somaiya College
Kopergaon



Kopergaon Taluka Education Society's
K. J. Somaiya College of Arts, Commerce and Science, Kopergaon.

Department of Botany

Important Notice

All Students participated in short term course i.e. "**Mushroom Cultivation**" are hereby inform that their exam on **Mushroom Cultivation** is conducted on 10/09/2022

After succesfully passing of an exam certificate will be provided to passed students.

Note-

- Attendance will compulsory .
- Exam is of 30 marks.
- Certificate will be given after qualifying the exam.


Course Co-ordinator


Head
Department of Botany
Head
Department of Botany
K. J. Somaiya College, Kopergaon



**Kopergaon Taluka Education Society's
K.J. Somaiya College of Arts, Commerce & Science, Kopergaon- 423 601
Department of Botany**

INTERNAL EXAMINATION ON MUSHROOM CULTIVATION

TIME: 01Hrs

MAX MARKS: 20

Name of the student-.....Class-

Que I. Choose the correct answer

Marks 10

1.....is the name of Mushroom.

- a. Funaria b. Dryopteris c. Agaricus d. Ferus

2.....are mostly considered as the Mushrooms.

- a. Saprophytic fungus b. Autotrophic Algae
c. Heterotrophic fungus d. None of the above

3. is a symptom of mushroom poisoning.

- a. Mild nausea b. Vomitting c. Diarrohea d. All of the Above

4. *Plurotus sajar-kaju* is also known as

- a. Paddy straw mushroom b. Dhingary Mushroom
c. Button Mushroom d. None of the above

5. Compost used for mushroom cultivation are.....

- a. Natural compost b. Synthetic compost
c. None of these

Que.II Answer in one sentence

Marks 10

a) Give the nutritional elements of mushrooms.

b) Name any 2 poisonous mushrooms.

c) What is spawn?

d) Define compost.

e) Give the classification of *Agaricus bisporus*.


Head
Department of Botany
K. J. Somaiya College, Kopergaon

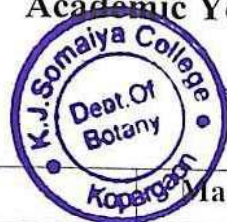

Principal
K.J.Somaiya College
Kopergaon

Kopargaon Taluka Education Society's
K.J. Somaiya College of Arts, Commerce & Science, Kopargaon- 423 601
Department of Botany

Certificate Course in Mushroom Cultivation

Academic Year- 2022/23

Student Mark List



Sr. No.	Name of the Student	Marks out of 20
1.	Pandore Jyoti Sandip	19
2.	Chatur Puja Gopinath	18
3.	Shaikh Sadiya Rafik	18
4.	Mali Avantika Anand	16
5.	Dhakane Prajwal Aajinath	15
6.	Gawali Vishal Rajendra	16
7.	Shinde Nikita Sanjay	16
8.	Jagdale Sakshi Ganesh	18
9.	Fatangare Ashish Rajendra	18
10.	Vahadane Dipali Babasaheb	17
11.	Bankar Sakshi Appasaheb	18
12.	Borbane Anjali Balasaheb	19
13.	Dushing Komal Sanjay	18
14.	Achhari Ishvari Vikas	18
15.	Sonawane Akshada Suresh	17
16.	Bhalerao Trupti Pramod	17
17.	Shinde Nikita Somnath	18
18.	Kalwaghe Sejal Sudhir	18
19.	Shinde Umesh Ravsaheb	17
20.	Mehetre Rushikesh Baburao	17
21.	Shinde Nikita Sanjay	17
22.	Jagdale Sakshi Ganesh	19
23.	Fatangare Ashish Rajendra	18
24.	Vahadane Dipali Babasaheb	17
25.	Bankar Sakshi Appasaheb	17
26.	Bhosale Pratik Sarjerao	14
27.	Badhe Shraddha Sakahari	13

28.	Kharat Aarti Sudhakar	14
29.	Pawar Pratidnya Laxman	15
30.	Hon Rutuja Dharmnath	15
31.	Dighe Suvarna Chandrkant	16
32.	Pachore Jyoti Babasaheb	16
33.	Gunjal Pranjal Anil	15
34.	Hon Komal Subhash	16
35.	Pawar Nikita Dadasaheb	16
36.	Rahane Pankaj Bandu	18
37.	Chaudhari Abhishek Ramesh	17
38.	Kangare Akanksha Rajendra	17
39.	Chikane Kalyani Sanjay	19
40.	Barhate Sanket Kishor	19
41.	Pandore Jyoti Sandip	18
42.	Jadhav Snehal Sandip	18


 Head
 Department of Botany
 K. J. Somaiya College, Kopergaon


 Principal
 K.J.Somaiya College
 Kopergaon



Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce & Science,
Mohanirajnagar, Kopargaon, Dist: Ahmednagar.

Certificate Course in Mushroom Cultivation

Report on completion of course

Department of Botany has been successfully completed the Course on Mushroom Cultivation in duration of 30 days. In this said course 42 students has been admitted from the classes of FY BSc, SY BSc & TY BSc having a Botany subject in this academic year 2022/23.

The main objective behind the course is to develop the ability of self employability in our students to enhance their production skill, marketing skill & the knowledge of commercial value of Mushrooms.

Course Outcomes-

- I. Student knows about the variety of edible mushroom.
- II. Commercial value of Mushrooms.
- III. Enhance knowledge and skills to support their daily life routine.
- IV. Use of raw organic material.
- V. Different Sterilization techniques.

Date- 10/09/2022


Course Co-ordinator


Head
Department of Botany
Head
Department of Botany
K. J. Somaiya College, Kopargaon


Principal
K.J.Somaiya College
Kopargaon



Kopargaon Taluka Education Society's

K. J. Somaiya College of Arts, Commerce & Science

Mohanirajnagar, Kopargaon, Dist : Ahmednagar - 423 601 (M.S.)

(Affiliated to Savitribai Phule Pune University)



Certificate



This is to certify that Mr./Mrs.....

has Successfully completed the Certificate Course/Short Term Course in.....

.....Conducted by Department of Botany.

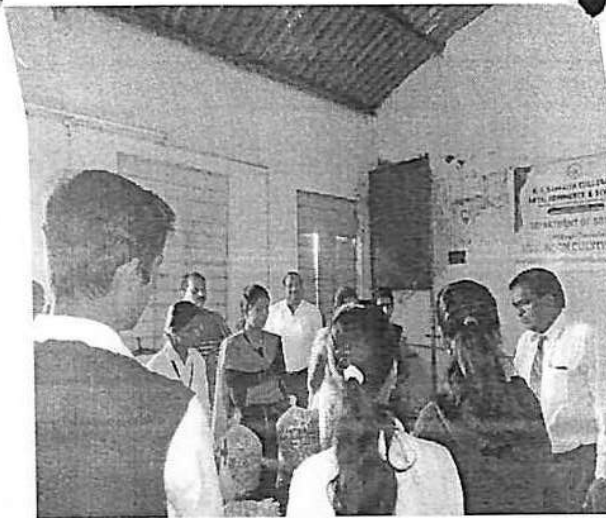
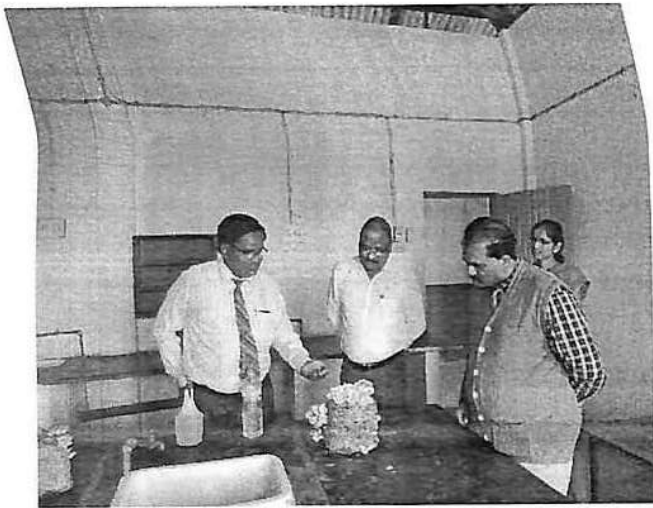
The said course was organised from.....to.....


Head

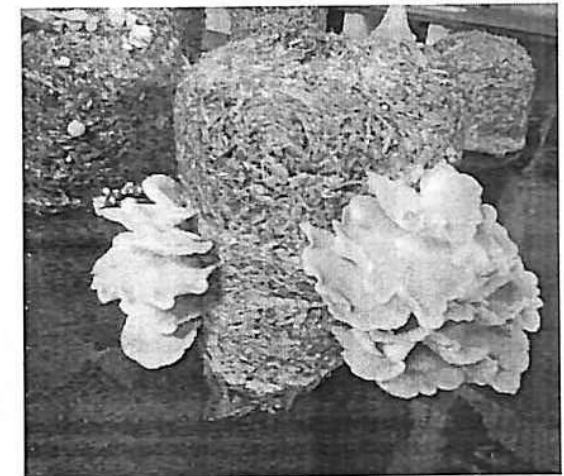
Department of Botany
K. J. Somaiya College, Kopargaon


Co-ordinator


Principal



Visited by Hon Principal Dr B.S.Yadav Sir & Dr.Pagare Sir



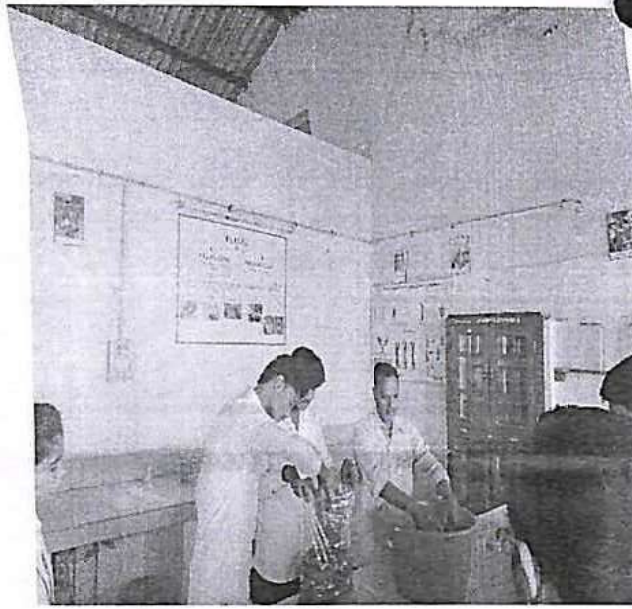
Hyphae formation,

Watering,

Full Growth



Cultural Practices



Substrate Preparation



Bagging



Needling



Final Touch



Hardening