



R. J. COLLEGE of Arts, Science & Commerce (Empowered Autonomous)

(Hindi Vidya Prachar Samiti's **RAMNIRANJAN JHUNJHUNWALA COLLEGE of Arts, Science & Commerce**)

Opposite Ghatkopar Railway Station, Ghatkopar (West), Mumbai - 400086, Maharashtra, INDIA.

Website: www.rjcollege.edu.in • Email : rjcollege@rjcollege.edu.in • Tel No. + 91 22 25151763

College is recognized under Section 2(f) & 12(B) of the UGC Act, 1956

Affiliated to UNIVERSITY OF MUMBAI II NAAC Re-Accredited 'A' Grade (CGPA: 3.10)

08/07/2023

NOTICE

DEGREE COLLEGE

A Value-Added Course in Mushroom Cultivation is being organised by the Department of Botany commencing from the month of July 2023. Students must register for the course. The course will be of minimum 30 hours duration which is more practical based. Attendance and performance of practicals, assignments is compulsory for course completion certificate. The details of the contents can be obtained from the brochure available on college website.



HOD Botany
PRINCIPAL

**RAMNIRANJAN JHUNJHUNWALA COLLEGE
OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS)
Ghatkopar (W), Mumbai-400 086, Maharashtra, INDIA**

2019: Star College Status by DBT

2008: Best College by University of Mumbai 2010: IMC RBNQ Award 'Performance Excellence' for the year 2009

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BROHCURE



Hindi Vidya Prachar Samiti's
RAMNIRANJAN JHUNJHUNWALA COLLEGE (AUTONOMOUS)
(Also known as R. J. College of Arts, Science & Commerce as per UGC Notification)

Affiliated to UNIVERSITY OF MUMBAI II Recognized by UGC under 2f & 12B
NAAC Accredited 'A GRADE' with CGPA 3.50

Knowledge is all Ambrosia


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CERTIFICATE
COURSE IN
MUSHROOM
CULTIVATION

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CERTIFICATE COURSE IN MUSHROOM CULTIVATION



ABOUT US

Hindi Vidya Prachar Samiti was incepted on the auspicious day of Shri Krishna Janmashtami, 15th August 1938. A brain child of a visionary Late Shri Nandkishore Singh Jairamji, samiti was established with the objectives of catering to the educational needs of the Hindi speaking community. Ramniranjan Jhunjunwala College came into existence in 1963, enabling a larger section of the society to take advantage of the facilities provided for higher education.

From 1999-2000 the College has added a number of self-financing courses like B.M.S., B.B.I., B.Sc. in Computer Science, Information Technology, Biotechnology, M.Sc. in Computer Science, Biotechnology and Information Technology as well as add on courses, which further hone the special skills of the students.

The college has been reaccredited with 'A' Grade by NAAC in 2014 with a CGPA 3.50 and received the Best College Award (2007-2008) of the University of Mumbai. The College has been bestowed with IMC "Ramkrishna Bajaj Performance Excellence Trophy", 2010.

The Principal of the college was awarded "Best Teacher" by Government of Maharashtra in 2011.

Government of Maharashtra conferred the college with "JAAGAR JAANIVANCHA" (First in Mumbai Suburban- in 2013 and Second in Mumbai Suburban- in 2014) for safety of girls.

Course Code: **RJBOTC02**

Duration: **30** hours

Credits : **02**

LEARNING OUTCOME

On completion of the course the student will be able to

- Identify edible and non-edible mushrooms also educate others to identify poisonous and non-poisonous mushrooms.
- Explore possibilities of starting their own mushroom cultivation unit
- Utilize Agro waste for mushroom cultivation



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CERTIFICATE COURSE IN MUSHROOM CULTIVATION

COURSE CONTENT

Unit I	Introduction, history, Nutritional and medicinal value of edible mushrooms. Types of edible mushroom – <i>Volvariella volvacea</i> , <i>Pleurotus citrinopileatus</i> ,
Unit II	Cultivation Technology and factors affecting the mushroom bed preparation: Substrates, composting technology, polythene bags, containers, culture rack, sprayer, pure culture, spawn preparation, mushroom bed preparation, low-cost technology, commercial unit. Picking and collection.
Unit III	Storage and nutrition: Short and long-term storage. Nutrition proteins, amino acids, mineral elements, fibre content
Unit IV	Preparation of food and flavours from mushroom. Regional and National research centres. Marketing of produce

ASSESSMENT

Continuous evaluation both theory and practical.



MEDIUM OF INSTRUCTION English

100 MARKS



PASSING 40

WHO SHOULD DO IT?

Any Enthusiastic Person



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Report

A Value-Added Course on Mushroom Cultivation was conducted by the Department of Botany. The course was of 2 credits designed by including practical and lectures. The lectures and practical conducted were conducted and 18 students of TY BSc (Botany) successfully completed the value-added course.

Following are the details of course conducted:

Day 1: Theory lecture: Introduction, Sterilization and its types (2 hrs) and
Practical: Cleaning, Drying of glass wares (3 hrs)

Day 2: Practical: Wrapping of glass wares (2 hrs)

Day 3: Practical: Sterilization of glass wares (Autoclave) (5 hrs)

Day 4: Practical: Spawn Preparation (3 hrs)

Day 5: Practical: Inoculation (5 hrs)

Day 6: Theory lecture: Overview and Mushroom bed preparation (2 hrs) and
Practical: Bed preparation (4 hrs)

Day 7: Presentation and Exam (4 hrs)




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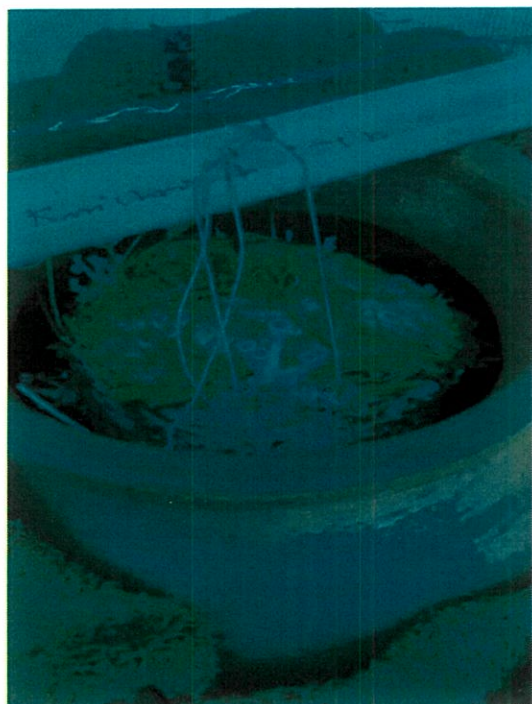
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PHOTOGRAPHS OF THE VAC ON MUSHROOM CULTIVATION 2023



Student during the sessions on Value Added Course on Mushroom Cultivation



Mushrooms cultivated by students



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VAC - Mushroom cultivation 2023

Sr. no.	Name of student	Class	Signature
1	Zainab Rizwan	T.Y.BSc	Zainab
2	Kuntika Telhe	TYBSC	Kuntika
3	Chanda Kanu	TYBSc	Chanda
4	Anchal Chavvasiya	TYBSc	Anchal
5	Aqsa Jairoypuri	TYBSC	Ajainyapuri
6	Shaksheenat Bano	TYBSC	Shaksheenat
7	Khan Asma Mohammad Islam	TYBSc /505	ASMA
8	Sheikh Nasibun Nasir	TYBSC /515	Nasibun
9	Kamargahan Qureshi	TYBSC /508	Kamargahan
10	Leena Jagdish Mayekar	T.Y.BSc	Leena
11	Swati R. Shukla	TYBSC	Swati
12	KARISHMA VINOD SAROS	TYBSC	Karishma
13	Aman Ramesh Pal	T.Y.BSc	Aman
14	Jay Rakesh Yadav	T.Y.BSc	J.P. Yadav
15	Payal Jyoti	T.Y.BSc	Payal
16	Jyoti Jyoti	T.Y.BSc	Jyoti
17	Ashish Chauhan	T.Y.BSc	Ashish
18	Aniket Danawale	T.Y.BSc	Aniket
19			
20			



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CERTIFICATE

This is to certify that

CHANDA KANU

Of TYBSc (Botany) class has successfully completed the Value-Added Course in Mushroom Cultivation
organized by Department of Botany in the Academic Year 2023-2024.


Dr. Himanshu Dawda
Principal



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CERTIFICATE

This is to certify that

AMAN RAMESH PAL

Of TYBSc (Botany) class has successfully completed the Value-Added Course in Mushroom Cultivation
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Dr. Himanshu Dawda
Principal




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