



# R. J. COLLEGE of Arts, Science & Commerce (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 Fax No: +91 22 25150957

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: 3.50)

08/07/2022

## NOTICE

### DEGREE COLLEGE

A Value Added Course in Mushroom Cultivation is being organised by the Department of Botany commencing from 17<sup>th</sup> July 2022 till 14<sup>th</sup> August 2022. 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-400086, Maharashtra, INDIA

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## BROHCURE



AY 2015 Onwards

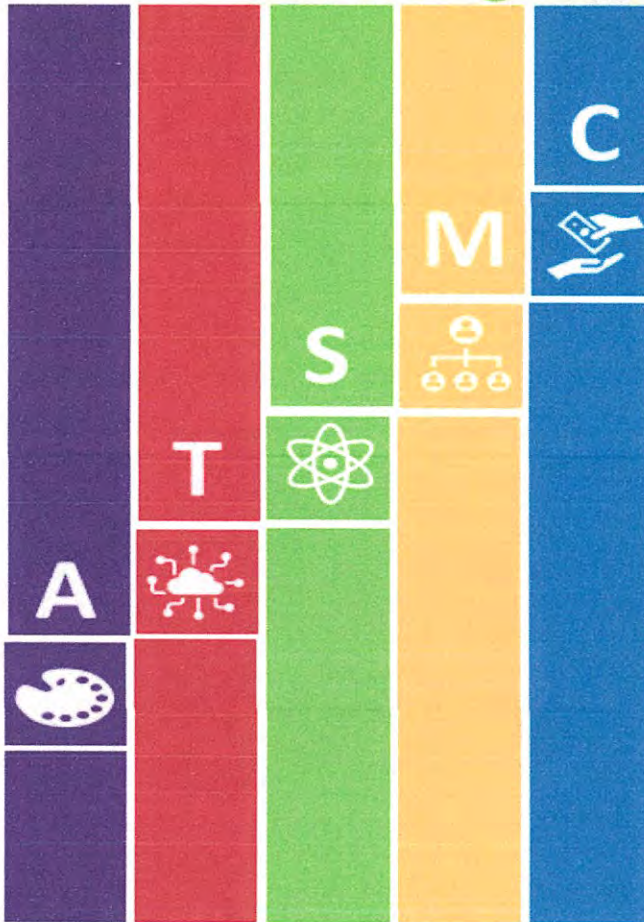
Hindi Vidya Prachar Samiti's

**RAMNIRANJAN JHUNJHUNWALA COLLEGE (AUTONOMOUS)**

(Also known as R. J. College of Arts, Science & Commerce as per UGC Notification)

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NAAC Accredited 'A GRADE' with CGPA 3.50

### Knowledge is all Ambrosia



**CERTIFICATE  
COURSE IN  
MUSHROOM  
CULTIVATION**

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[rjcollege@rjcollege.edu.in](mailto:rjcollege@rjcollege.edu.in)

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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 Jhunjhunwala 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.

**C**ourse Code: **RJBOTC02**

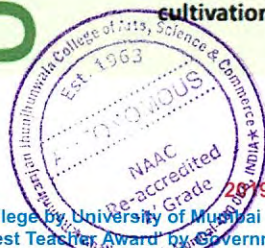
**D**uration: **30** hours

**C**redits : **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

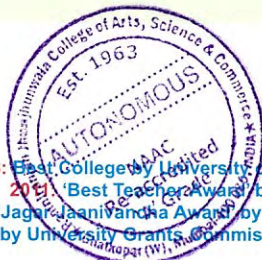
**100 MARKS**



**PASSING 40**

**WHO SHOULD DO IT?**

Any Enthusiastic Person



*[Signature]*  
 PRINCIPAL

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## Report on Mushroom cultivation VAC- 2022-23

The course was of 2 credits designed by including practical and lectures. The lectures and practical conducted was from 17<sup>th</sup> July 2022 to 14<sup>th</sup> August 2022. There were total 31 students including SY BSc (CB, BZ) and TY BSc (Botany)

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)

### Faculties:

Dr. Usha Mukundan

Dr. Aruna Rai

Ms. Namrata Jaiswal

Mr. Somnath Kangralkar



  
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## PHOTOGRAPHS OF THE VALUE ADDED COURSE IN MUSHROOM CULTIVATION



*(Signature)*  
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Shot on OnePlus  
By A shot by Namrata Jaiswal



  
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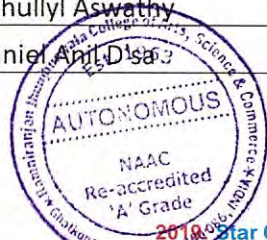
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## List of Students Who Successfully Completed the Value Added Course

Sr. no.	Name of student	Class	Roll no.	Division
1	Balkrushna Dhananjay pathak	TyBSc	537	C
2	Om yadav	TyBSc	534	C
3	Siddhita Chandaliya	TyBSc	513	C
4	Dhanashri Malgundkar	SyBSc	414	B
5	Rachana Gupta	SyBSc	619	C
6	Aman Pal	SyBSc	624	C
7	Munit Pathak	SyBSc	630	C
8	Jayprakash Yadav	SyBSc	631	C
9	Swati Shukla	SyBSc	449	B
10	Jyoti Gupta	SyBSc	642	C
11	Abdul Hafeez	TyBSc	548	C
12	Shraddha Mishra	TyBSc	503	C
13	Sheetal yadav	TyBSc	509	C
14	Shivshankar Yadav	TyBSc	543	C
15	Harshala Shinde	TyBSc	507	C
16	Shreya Bhandare	TyBSc	515	C
17	Samita Gawde	TyBSc	525	C
18	Shobha Gupta	TyBSc	553	C
19	Afia Athar Khan	SyBSc	621	C
20	Shah Sana Mubarak Ali	SyBSc	632	C
21	Shrishti pal	SyBSc	658	C
22	Anish Gaikwad	SyBSc	617	C
23	Khan Farheen Kashaf	SyBSc	637	C
24	Payal Gaud	SyBSc	664	C
25	Mohit Mishra	SyBSc	406	B
26	Aditya Salekar	SyBSc	408	B
27	Ashish prajapati	SyBSc	434	B
28	Reshma Jaiswar	SyBSc	612	C
29	Leena Mayekar	SyBSc	436	B
30	Karthullyl Aswathy	SyBSc	660	C
31	Daniel Anil D'sa	TyBSc	536	C



*(Signature)*

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## CERTIFICATES



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### Certificate of Completion

This is to certify that

**Jyoti Gupta**

Of SYBSc and Roll No 642

has successfully completed the Value-Added Course in **Mushroom Cultivation** organized by  
**Department of Botany** from 17th June 2022 to 14th August 2023.

Course Code  
RJBOTC02

Issue Date: 29 April, 2023



  
Dr. Himanshu Dawda  
Principal



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### Certificate of Completion

This is to certify that

**Om Yadav**

Of TYBSc and Roll No 534

has successfully completed the Value-Added Course in **Mushroom Cultivation** organized by  
**Department of Botany** from 17th June 2022 to 14th August 2023.

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Issue Date: 29 April, 2023



  
Dr. Himanshu Dawda  
Principal



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