



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 || NAAC Re-Accredited 'A' Grade (CGPA: 3.50)

29th June 2018

NOTICE

DEGREE COLLEGE

A value-added course in Mushroom cultivation is being organised by the Department of Botany from 6th July 2018 onwards. Students will be awarded with certificate and two credits on successful completion of the course. Attendance for all the sessions is compulsory. The mode of evaluation will be continuous.



U. S. K.

Principal & HOD Botany

PRINCIPAL

RAMNIRANJAN JHUNJHUNWALA COLLEGE
OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS)
Ghatkopar (W), Mumbai-400 036, 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

2011: 'Best Teacher Award' by Government of Maharashtra 2013: DST-FIST 2014: DBT STAR College

2013 & 2014: 'Jagar Jaanivancha Award' by Govt, of Maharashtra 2016: ISO 14001:2015 2016: ISO 9001:2015 2017: ISO 27001:2013

2018: Autonomous Status by University Grants Commission (No. F. 22-1/2018(AC) - 28.05.2018) & by University of Mumbai (No.Aff./ICD/18-19/440 - 08.06.2018)



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BROCHURE

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)

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

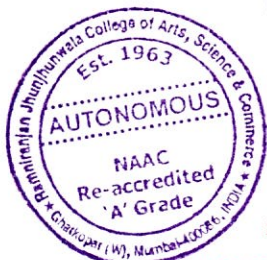
Knowledge is all Ambrosia

**CERTIFICATE
COURSE IN
MUSHROOM
CULTIVATION**

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CERTIFICATE COURSE IN **MUSHROOM CULTIVATION**



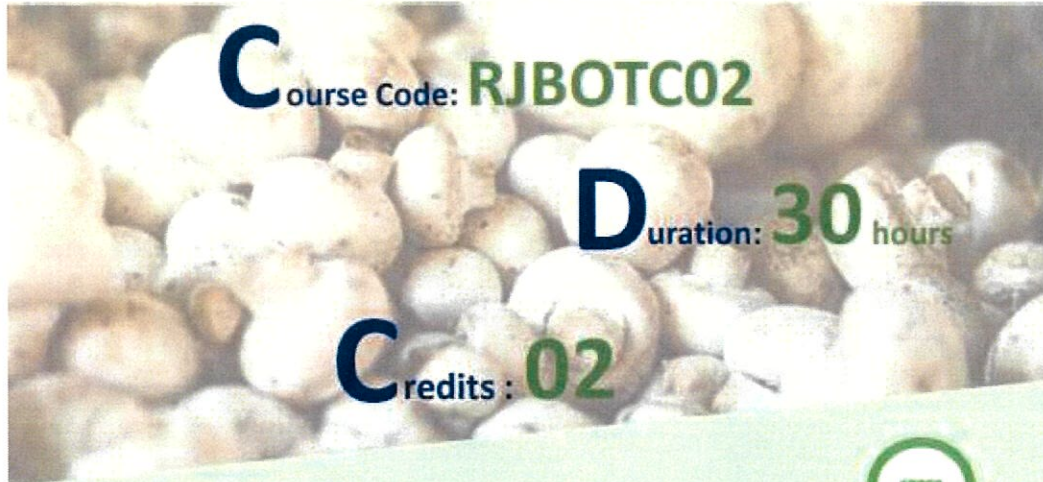
Hindi Vidya Prachar Samiti was incepted on the auspicious day of Shri Krishna Janmashtami, 15th August 1938. A brain child of a visionary Late Shri Nandkishore Singh Jairamji, samiti was established with the objectives of catering to the educational needs of the Hindi speaking community. Ramniranjan 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.L., 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.



**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



Use

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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



Usha

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REPORT

Students were given the domain knowledge about fungi, basidiomycetes, fruting body commonly known as mushroom. They were taught techniques like sterilisation, preparation of spawn, maintenance of spawn. Students learnt to sterilize the straw, make bed, inoculate it and take care of the bed. They learnt to observe the sterility of the bed contaminations if any, mycelium and fruting body. Students learnt to cultivate oyster mushroom and each one of them made at least one bed and harvested the mushrooms. They were also taught the technique of harvesting, packing and preservation. Students prepared a recipe from the harvested mushroom.




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PHOTOGRAPH OF THE MUSHROOM CULTIVATED BY STUDENTS



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LIST OF STUDENTS WHO COMPLETED THE VALUE-ADDED COURSE IN MUSHROOM CULTIVATION

Sr No	Name	Class	Roll No
1	AVCHARE ABHIJEET ANAND SUREKHA	SYBSc	502
2	BANSODE SUMIT SHESHAPPA RAJABAI RAJABAI	SYBSc	503
3	EKILWALE RENUKA ASHOK SUMITRA	SYBSc	505
4	GAWADE ANIKET TUKARAM SARITA	SYBSc	506
5	JADHAV RUTUJA SANTOSH SUPRIYA	SYBSc	508
6	JAIWAR SUNIL SHAMBHU SUCHITA	SYBSc	509
7	KAMBLE SWAPNALI SATISH SANGEETA	SYBSc	512
8	KANGRAKAR SOMNATH VAIJANATH NARMADA	SYBSc	513
9	KHAN SADAF MUSKAN MOHAMMED AHMED SAJIDA KHATOON	SYBSc	515
10	KHAN ZEENAT BANO MOHAMMED AVAISH ISHRAT JAHAN	SYBSc	517
11	MISHRA AMAN SURENDRA GYANI	SYBSc	519
12	PASWAN NEHA RAMSUBHASH SAMUDRA	SYBSc	521
13	SANAS PRIYANKA SANJAY SUSHILA	SYBSc	524
14	SHAIKH SHAMA AKBAR KARINA	SYBSc	526
15	SHAIKH AMREEN AYAZUDDIN NOORJAHAN	SYBSc	528
16	SHINDE SHWETA SUNIL VIDYA	SYBSc	530
17	SIDDIQUE FARHAT JAHAN JAWED MOHMAD MAHEFSHA	SYBSc	533
18	SONAVANE SHRADDHA VILAS CHHAYA	SYBSc	534
19	THORAT VIDYA TANAJI MALAN	SYBSc	536
20	VISHWAKARMA SONAL RAJSHARAN SARITA	SYBSc	538
21	YADAV ROHAN NARENDRA CHANDRAKALI	SYBSc	540
22	YADAV KARISHMA OMPRAKASH SUSHILA	SYBSc	541
23	YADAV JYOTI RADHESHYAM URMILA	SYBSc	542
24	YADAV AJAY SHESHMANI MANORAMA	SYBSc	544
25	YADAV KOMAL LAL BAHADUR MADHU	SYBSc	546




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CERTIFICATES



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CERTIFICATE

This is to certify that

Ms. Ekilwale Renuka

Of SYBSc and Roll No 505

has successfully completed the Value-Added Course in **Mushroom Cultivation** organized by
Department of Botany in the academic year 2018-2019

Course Code
RJBO TC02


Dr. Usha Mukundan
Principal



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CERTIFICATE

This is to certify that

Mr. Mishra Aman Surendra

Of SYBSc and Roll No 519

has successfully completed the Value-Added Course in **Mushroom Cultivation** organized by
Department of Botany in the academic year 2018-2019

Course Code
RJBOTC02


Dr. Usha Mukundan
Principal




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