



# 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)

26<sup>th</sup> March 2019

## NOTICE DEGREE COLLEGE

A Value-added course on Post Harvest Technology will be organised for students of degree college from 2nd April 2019 onwards. Students must enrol for the course. The course will comprise of 30 hours. On successful completion of the course students will be awarded with two credits and a certificate. Ms. Ratnaprabha Belhekar an entrepreneur will be conducting some of the practical sessions.



*Ushu*  
Principal  
PRINCIPAL  
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## BROCHURE

**AY 2018 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  
POST-HARVEST  
TECHNOLOGY**

**A T S M C**

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*Usha*

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## CERTIFICATE COURSE IN POST-HARVEST TECHNOLOGY



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.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.

**C**ourse Code: **RJBOTC04**

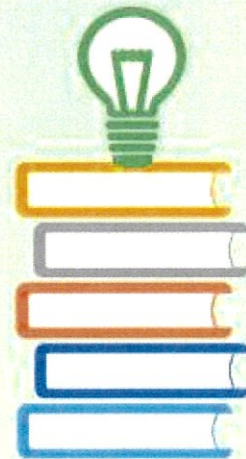
**D**uration: **30** hours

**C**redits : **02**

## LEARNING OUTCOME

At the end of the course students will be able to do

- Develop plan for processing agriculture produce
- Make jam, jelly, sauce, pickle and preserve food for their own consumption without preservatives
- Start their own business



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## CERTIFICATE COURSE IN POST-HARVEST TECHNOLOGY

COURSE CONTENT	
Unit I	Introduction to post harvest technology of agricultural produce, Status of Production, Losses, Need, Scope and Importance
Unit II	Introduction, importance of drying, principles of drying and factors affecting drying, types of drying methods i.e. sun drying & artificial drying
Unit III	Introduction, need and importance, general principles of storage. Temperature and moisture changes during storage i.e. influence of moisture content, relative humidity, temperature, fungi etc. on stored product. Introduction to the storage of fruits and vegetables. Need and importance of storage. Principle of storage of fruits and vegetables. Recommended storage operation conditions for some important fruits and vegetables and their storage life. Use of preservative MIC analysis.
Unit IV	

## 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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## PROFILE OF MS. RATNAPRABHA BELHEKAR

Ms. Ratnaprabha Belhekar is a role model of women empowerment she was trained by NGO Janshikshan Sanstha, Alibaugh. With her initial training she with her motivation and initiative went on to establish her own NGO known as Jagruti Foundation A women empowerment organisation, located at Shahunagar, Gondalpada, Alibaugh. She runs a lucrative catering business and also organises small events as and when required. She is very enthusiastic about preservation of produce which is need of the day. She is extremely talented and has great experience in various preservation techniques.



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## REPORT

30 students enrolled and successfully completed the certificate course in post-harvest technology. The course content was delivered as learning of concept, the importance of post harvest technology was conveyed to the students which can be a great source of income as well as a means of responsible production and consumption leading to sustainability. Post harvest technology would help in taking care of the losses incurred due to lack of knowledge regarding preservation techniques. Students were taught all the techniques of preservation, the importance of each one of them and also how to decide what technique to be used depending on the produce. Students prepared several jams, jelly, pickle, sauces, ketchup, juice, syrup, marmalade. In addition they also learnt techniques of salting, dehydration and canning.



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Photos of the Value-Added Course on Post Harvest Technology held from



Resource person Ms. Ratnaprabha Belhekar (Entrepreneur) conducting the practical session.



Students during the practical session



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## LIST OF STUDENTS WHO HAVE COMPLETED THE VALUE-ADDED CERTIFICATE COURSE ON POST HARVEST TECHNOLOGY

SR NO	Name of the Student	Roll No	Class
1	BISHT BHAVANA KAILASH MEENA	1	MSC BOT I
2	DIVEKAR AKSHATA PRAKASH PRAJAKTA	2	MSC BOT I
3	DUBEY VIJAYLAXMI BRIJESHKUMAR MANBHAWATI	3	MSC BOT I
4	GUDULKAR SUSMITA SHRIDHAR SMITA	4	MSC BOT I
5	MAULE SANJAY SONU FULI	5	MSC BOT I
6	TATIWALA ZAINAB IBRAHIM MUNIRA	7	MSC BOT I
7	VISHWAKARMA SHIVANI RAMASHNAKAR ASHA	8	MSC BOT I
8	YADAV PREETI RAMPRAKASH RENU	9	MSC BOT I
9	TIWARI PRIYA JAYPRAKASH MADHURI	10	MSC BOT I
10	KADAM NIRAJ APPAJI SANGITA	11	MSC BOT I
11	MALKAR AISHWARYA ULHAS VEENA	12	MSC BOT I
12	MAPKAR SULTANA ABDUL LATIF LATIFA	13	MSC BOT I
13	MIRZA SAIMA KHALID FARZANA	15	MSC BOT I
14	SHARMA SHALINI RAJU SUMITRA	16	MSC BOT I
15	KASHITKAR SURAJ UTTAM VANITA	19	MSC BOT I
16	ANSARI AMRIN MOHAMMED ARIF RAEESA	1	MSC BOT II
17	BANSODE VAIBHAV GANGARAM ASHA	2	MSC BOT II
18	CHAUDHARI ANUSHREE VITTHAL PALLAVI	3	MSC BOT II
19	GURAV VAIBHAV CHINTAMANI CHETANA	4	MSC BOT II
20	MOHITE VRUSHALI RAVINDRA MANISHA	5	MSC BOT II
21	PANDEY NEHA VINOD KUMAR SHASHIKALA	6	MSC BOT II
22	SASTE MRUNAL DILIP JYOTI	7	MSC BOT II
23	SIDDIQUI INAYA MOHD ARSHAD RUBY	8	MSC BOT II
24	TANWAR LAXMI SHAMBHU MOHAN	9	MSC BOT II
25	DAMBALEE RAJU DHAWALU KALAVATI	11	MSC BOT II
26	DIVATE DHANSHREE SHANKAR ANURADHA	12	MSC BOT II
27	INGAWALE KOMAL NILKANTH VIJAYA	13	MSC BOT II
28	SHIRKAR NIKITA ISHWAR POOJA	14	MSC BOT II
29	TARE KOMAL SUBHASH VANITA	15	MSC BOT II
30	DANI RIYA PANKAJ TANUJA	16	MSC BOT II



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## CERTIFICATES



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### CERTIFICATE

This is to certify that

**Ms. Gudulkar Susmita**

Of MSc Botany - I and Roll No 4

has successfully completed the Value-Added Course in **Post Harvest Technology** organized by  
**Department of Botany** in the academic year 2018-2019

Course Code  
RJBOTC04

  
Dr. Usha Mukundan  
Principal



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### CERTIFICATE

This is to certify that

**Mr. Gurav Vaibhav**

Of MSc Botany - II and Roll No 4

has successfully completed the Value-Added Course in **Post Harvest Technology** organized by  
**Department of Botany** in the academic year 2018-2019

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