

Rayat Shikshan Sanstha's

D. P. Bhosale College, Koregaon

Autonomous (Self-Financed) Value Added Course in

“Fruit Processing”

Organized by

Department of Botany

Dr. S. M. Deshpande

Head

Department of Botany,

D. P. Bhosale College,

Koregaon, Satara

Rayat Shikshan Sanstha's
D. P. Bhosale College, Koregaon

Department of Botany

VALUE ADDED COURSE

Fruit Processing

(2022-2023)

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Department of Botany
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NOTICE

Date: 12/11/2022

Students of B. Sc. II are hereby informed that the Department of Botany is conducting a value-added course on "Fruit Processing". The interested students requested to register their names to Dr. P. P. Kamble before 20th January, 2023.

Kamble

Dr. P. P. Kamble
Course Co-ordinator

Kawapnaja

Dr. S. M. Deshpande
Head
Department of Botany

[Signature]

Principal
D. P. Bhosale College,
Koregaon, Satara



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Autonomous (Self-Financed) Value Added Course

- | | | |
|-------------------------------|--|-------------|
| 1. Eligibility: | XII Std. Pass | |
| 2. Duration of Course: | 1 Month | |
| 3. No. of Students: | 20 | |
| 4. Admission fees: | — | |
| 5. Examination: | Theory | (50 Marks) |
| | Practical | (40 Marks) |
| | Submission/ Excursion report | (10 Marks) |
| | Total marks | (100 Marks) |
| 6. Faculty: | Dr. R. B. Patil | |
| | Dr. P. P. Kamble | |
| | Dr. S. B. Zimare | |
| 7. Co-ordinator: | Dr. P. P. Kamble | |
| 8. Head: | Dr. S. M. Deshpande | |
| 9. Director: | Principal, D. P. Bhosale College, Koregaon | |

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Syllabus –Theory

Total 24 Lectures

UNIT I: Introduction **03 Hours**

1. Introduction to fruit processing and scope of fruit processing industry.
2. Importance of fruits in diet and nutritional composition of fruits.

UNIT II: Processing of Fruits **06 Hours**

1. Identification of fruits.
2. Grading, sorting, cleaning, washing, peeling, slicing and blanching.
3. Different types of spoilages in fruits. Spoilage during storage of fruits and their prevention.

UNIT III: Post harvest fruit processing **06 Hours**

Sharbat, puree, jams, jellies, murrabba, candies, crush, squash, pickles preparation.

UNIT IV: Hygiene, Packing and storage **05 Hours**

1. Fruit spoilage, sterilizers.
2. Methods of packing, types of containers, labelling.
3. Storage: Process of storage and use of preservatives (Salt, Sugar, Acids, Colour Enhancers)

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Syllabus – Practical

Practicals –

(10 Lectures)

1. Preparation of variety of Candies
2. Preparation of fruit Jelly
3. Preparation of different types of Squash
4. Preparation of Murraba
5. Preparation of Pickles
6. Preparation of Fruit and Fruit bars.
7. Report

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BOARD OF STUDIES PANEL

Sr. No.	Faculty	Designation
	Internal Experts:	
1.	Dr. S. M. Deshpande	Head, Department of Botany, D. P. Bhosale College, Koregaon, District: Satara- 415 501
2.	Dr. R. B. Patil	Assistant Professor, D. P. Bhosale College, Koregaon
3.	Dr. S.B. Zimare	Assistant Professor, D. P. Bhosale College, Koregaon
4.	Dr. P. S. Kakade	Assistant Professor, D. P. Bhosale College, Koregaon
5.	Dr. P.P. Kamble	Assistant Professor, D. P. Bhosale College, Koregaon
	External Expert:	
6.	Dr. U.S Pawar	Head, Department of Botany, Amdar Shashikant Shinde Mahavidyalaya, Medha, District: Satara- 415 012

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LIST OF STUDENTS

Sr. No.	Name of the Student
1.	Pranali Sanjay Tambe
2.	Suchita Dattatray Gaikwad
3.	Siddhi Pandurag Jadhav
4.	Aishwarya Hanumant Raut
5.	Ankita Ravindra Kokare
6.	Priti Savata Raskar
7.	Taslim Bakshuddin Bhaldar
8.	Ruksar Dilawar Shikalgar
9.	Snehal Sandip Chavan
10.	Payal Hanmant Ghorapade
11.	Ankita Dattatray Barge
12.	Sahil Nitin Kudave
13.	Uday Yuvraj Mane
14.	Mahesh Dattatray Sathe
15.	Sambhaji Shivaji Shinde



Head
Department of Botany
D. P. Bhosale College, Koregaon