

**Shri Shivaji Education Society's
Board for Higher Education Vidyanagar Karad.**



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Course Code -CCE-03

DEPARTMENT OF BIOTECHNOLOGY

SHORT TERM COURSE

Food Science In Biotechnology


2022-23

Index

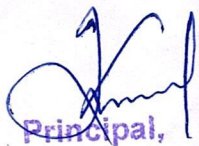
Total Students: 20

Duration: 03 Months

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Course Co-ordinator
Department of Biotechnology




Principal,
Yashwantrao Chavan College
of Science, Karad

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Department of Biotechnology

Notice

Date: 07/11/2022

All the Students of the B. Sc. I are hereby informed that the Department of Biotechnology is going to run a short-term course entitled as "Food science in Biotechnology" Interested Candidates enroll their names to Mrs. S.S Nalawade (course Co-ordinator) on or before 25th November 2022.




Course Co-ordinator
Department of Biotechnology

YASHWANTRAO CHAVAV COLLEGE OF SCIENCE, KARAD

Department of Biotechnology

Short Term Course

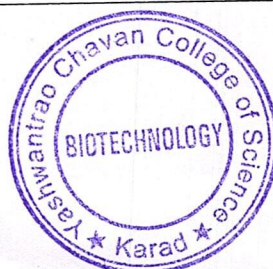
"Food Science in Biotechnology"

Year 2022 - 2023

Name of the Enrolled Students

Date : 01 /12/2022

Sr. No.	Roll No.	Name of the Students	Signature
1	3001	Bhosale Vedant Ganesh	<u>Bhosale V.</u>
2	3002	Desai Vaishnavi Jagannath	<u>DVJ</u>
3	3003	Katwate Gayatri Pramod	<u>Katwate</u>
4	3004	Salunkhe Atharv Arvind	<u>Salunkhe</u>
5	3005	Sanya K Prasannan	<u>SKP</u>
6	3006	Awale Tejaswini Nitin	<u>T. Awale</u>
7	3007	Jadhav Isha Ravindra	<u>Jadhav I.R.</u>
8	3008	Jadhav Pavan Vijay	<u>P. Jadhav</u>
9	3009	Kumbhar Sejal Anil	<u>Kumbhar</u>
10	3010	Parave Rasika Sambhaji	<u>R. Parave</u>
11	3011	Patil Amruta Vijaykumar	<u>A. Patil</u>
12	3012	Pawar Sakshi Kumar	<u>S. Pawar</u>
13	3013	Pawar Shreya Bapurao	<u>S. Pawar</u>
14	3014	Kadam Prathamesh Ashok	<u>P. Kadam</u>
15	3015	Lokhande Shruti Samadhan	<u>Lokhande S.</u>
16	3016	Mutwalli Nabil Asif	<u>Mutwalli</u>
17	3017	Patel Saniya Sikandar	<u>S. Patel</u>
18	3018	Sankpal Pranali Dipak	<u>Sankpal</u>
19	3019	Bhosale Vedant Ganesh	<u>B.V.G.</u>
20	3020	Desai Vaishnavi Jagannath	<u>Desai V.</u>



YASHWANTRAO CHAVAV COLLEGE OF SCIENCE, KARAD

Department of Biotechnology

Short Term Course

"Certificate Course in Food Science in Biotechnology"

Year 2022-2023

Theory Time Table

Dec. 2022 to Jan.2023

Lect. Time	Fri	Sat
8.50- 9.40	G32 SSN	G32 SSN
9.40- 10.30	G32 JSP	G32 VRP

Practical Time Table

Time	Wed
8.00- 8.50	Biotechnology Lab. SSN/JSP/VRP
8.50- 9.40	
9.40- 10.30	

N.B .

1 Bracketed Numbers denotes Lecture Hall Numbers.

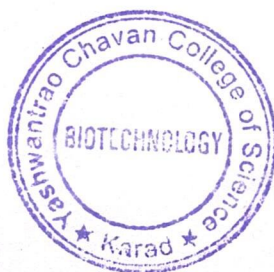
2 All concerned should note and follow.

3. G: Lecture hall In Golden Jubilee Building

S. S. Valaul

Course Coordinator

Course Co-ordinator
Department of Biotechnology



YASHWANTRAO CHAVAV COLLEGE OF SCIENCE, KARAD

Department of Biotechnology

Short Term Course

"Certificate Course in Food Science in Biotechnology"

Year 2022- 2023

Final Exam Question Paper

Marks : 30

Q.1 Choose the correct alternative given below

30

1. Which of the following is a factor that affects the storage stability of food?

- a) type of raw material used b) quality of raw material used
c) method/effectiveness of packaging d) all of the mentioned

2. Which of the following sentence is true with respect to food storage/preservation?

- a) each food type has a potential storage life
b) the mechanical abuse that food has received during storage/distribution does not affect its storage stability
c) all of the mentioned
d) none of the mentioned

3. Cereals are a major source of carbohydrates.

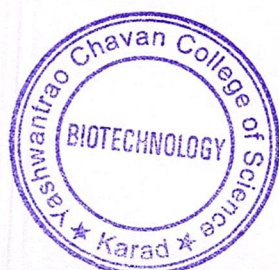
- a) true b) false

4 is called the table sugar.

- a) Sucrose b) Galactose c) Maltose d) None of these

5. which of the following is not an intrinsic factor in food spoilage

- a) pH b) moisture c) temperature d) none



6. Which of the following food products are the best sources of animal proteins?

- (a) Milk (b) Egg (c) Cheese (d) All of the above.

7. Which of the following mineral functions by building strong bones and teeth?

- (a) Iodine (b) Calcium (c) Iron (d) Sodium

8. Which of the following food items is the best source of plant proteins?

- (a) Milk (b) Egg (c) Legumes (d) Cheese

9. Guava, Lemon, Orange and Tomato are rich in _____.

- (a) vitamin A (b) vitamin B (c) vitamin C (d) vitamin D

10. Potatoes, cereals, beans, pulses and oats are rich in _____.

- (a) Proteins (b) Vitamins (c) Minerals (d) Carbohydrate

11. Which of the following is not a component of food?

- (a) Fats (b) Fibres (c) Water (d) None of the above

12. The most significant and essential mineral required for our body is _____.

- (a) Iron (b) Sodium (c) Calcium (d) All of the above

13. Which of the following produces citric acid?

- (a) *Aspergillus* (b) *Pseudomonas* (c) *Saccharomyces* (d) *Clostridium*

14. Yeast is used for the production of

- (a) Tetracycline (b) Butanol (c) Ethanol (d) Citric Acid

15. The full form of PFA is

- (a) Prevention of Food Act (b) Protection of Food Act
(c) Prevention of Food Adulteration Act (d) None of the above is correct



Yashwantrao Chavan College of Science, Karad
Department of Biotechnology
Short Term Course
2022-23
Food Science In Biotechnology
Practical Examination

Q.1. Proceed to prepare Mango Jam

(20 marks)

Q. 2. Proceed to isolate bacteria from given spices

(20 marks)



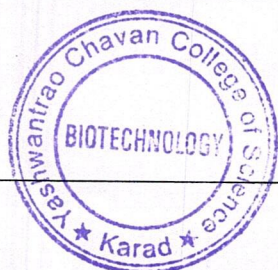
Yashwantrao Chavan College of Science, Karad

Department of Biotechnology

Short term Course –Food science in Biotechnology (2022-23)

Mark list

Roll. No.	Name of Student	Mid-course exam (Out of 30)	Final Exam (Out of 30)	Practical Exam (Out of 40)	Total (Out of 100)
391	Bhosale Vedant Ganesh	18	24	40	82
392	Desai Vaishnavi Jagannath	22	24	40	86
393	Katwate Gayatri Pramod	26	20	40	86
394	Salunkhe Atharv Arvind	21	24	40	85
395	Sanya K Prasannan	25	25	40	90
396	Awale Tejaswini Nitin	19	27	40	86
397	Jadhav Isha Ravindra	21	28	40	89
398	Jadhav Pavan Vijay	21	26	40	87
399	Kumbhar Sejal Anil	19	24	40	81
400	Parave Rasika Sambhaji	21	25	40	86
401	Patil Amruta Vijaykumar	21	26	40	87
402	Pawar Sakshi Kumar	25	20	40	85
403	Pawar Shreya Bapurao	22	22	40	84
404	Kadam Prathamesh Ashok	23	27	40	90
405	Lokhande Shruti Samadhan	24	19	40	83
406	Mutwalli Nabil Asif	22	20	40	82
407	Patel Saniya Sikandar	21	24	40	85
408	Sankpal Pranali Dipak	21	20	40	81
409	Bhosale Vedant Ganesh	22	23	40	85
410	Desai Vaishnavi Jagannath	20	28	40	88



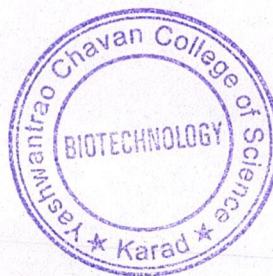
S. N. N. N.
Course Co-ordinator
Department of Biotechnology

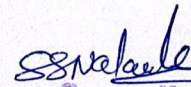
Yashwantrao Chavan College of Science, Karad

Department of Biotechnology

Short term Course-Food science in Biotechnology(2022-23)

Course Code	CCE-03	Course:	Food science in biotechnology	
Prepared by	S.S.Nalawade		Date	2022-23
Target Group: B.Sc. I				
Pre-requisites	<ul style="list-style-type: none">Basic (10+2) knowledge of science faculty + good analytical skills.Basic knowledge regarding food science.			
Course Outcomes				
At the end of the course the students should be able to				
CO1	Understand some emerging concepts in food technology.			
CO2	To grasp the fundamental of food processing and preservation..			
CO3	HACCP for food safety and microbial standards..			




Course Co-ordinator
Department of Biotechnology

Yashwantrao Chavan College of Science, Karad

Department of Biotechnology

Short term Course –Food science in Biotechnology 2022-23

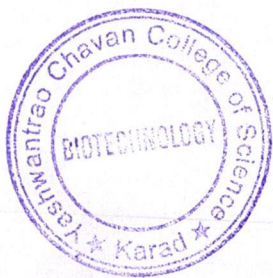
CO Attainment


Average Attainment	Target Attainment level	Remark
3	Level 5	Target achieved

Course code	Course Title	% of students above 60 % of Final exam marks	Level of attainment Final exam	80% of attainment Level in Final exam (I)	% of students above 80 % of mid-course exam marks	Level of attainment	20% of attainment Level in mid-course exam (II)	Attainment of course(I+II)
CCE-03	Food science in Biotechnology	94.00	3	2.4	75.00	2	0.4	2.8

By using below attainment levels 1,2,3 for the Percent of students in B

For internal exam	
Level 1	Less than 60% of students scoring more than average marks
Level 2	60% - 80% of students scoring more than average marks
Level 3	more than equal to 80% of students scoring more than average marks




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Department of Biotechnology

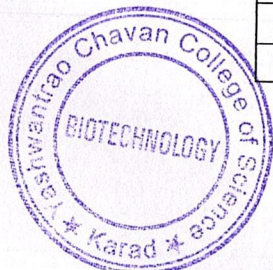
Short Term Course

"Certificate Course in Food Science in Biotechnology"

Year 2022-2023

Attendance Sheet December

Roll No.	Name of the Students	Dates and Signature of the Students										
		2-12-22	3-12-22	7-12-22	9-12-22	10-12-22	14-12-22	16-12-22	17-12-22	28-12-22	30-12-22	
391	Bhosale Vedant Ganesh	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	
392	Desai Vaishnavi Jagannath	D.V.J.	D.V.J.	D.V.J.	D.V.J.	D.V.J.	D.V.J.	D.V.J.	D.V.J.	D.V.J.	D.V.J.	
393	Katwate Gayatri Pramod	Katwate	Katwate	Katwate	Katwate	Katwate	Katwate	Katwate	Katwate	Katwate	Katwate	
394	Salunkhe Atharv Arvind	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	
395	Sanya K Prasannan	S.K.P.	S.K.P.	S.K.P.	S.K.P.	S.K.P.	S.K.P.	S.K.P.	S.K.P.	S.K.P.	S.K.P.	
396	Awale Tejaswini Nitin	Awale	Awale	Awale	Awale	Awale	Awale	Awale	Awale	Awale	Awale	
397	Jadhav Isha Ravindra	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	
398	Jadhav Pavan Vijay	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	
399	Kumbhar Sejal Anil	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	
400	Parave Rasika Sambhaji	Parave	Parave	Parave	Parave	Parave	Parave	Parave	Parave	Parave	Parave	
401	Patil Amruta Vijaykumar	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	
402	Pawar Sakshi Kumar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	
403	Pawar Shreya Bapurao	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	
404	Kadam Prathamesh Ashok	Kadam	Kadam	Kadam	Kadam	Kadam	Kadam	Kadam	Kadam	Kadam	Kadam	
405	Lokhande Shruti Samadhan	Lokhande	Lokhande	Lokhande	Lokhande	Lokhande	Lokhande	Lokhande	Lokhande	Lokhande	Lokhande	
406	Mutwalli Nabil Asif	Mutwalli	Mutwalli	Mutwalli	Mutwalli	Mutwalli	Mutwalli	Mutwalli	Mutwalli	Mutwalli	Mutwalli	
407	Patel Saniya Sikandar	Patel	Patel	Patel	Patel	Patel	Patel	Patel	Patel	Patel	Patel	
408	Sankpal Pranali Dipak	Sankpal	Sankpal	Sankpal	Sankpal	Sankpal	Sankpal	Sankpal	Sankpal	Sankpal	Sankpal	
409	Bhosale Vedant Ganesh	B.V.G.	B.V.G.	B.V.G.	B.V.G.	B.V.G.	B.V.G.	B.V.G.	B.V.G.	B.V.G.	B.V.G.	
410	Desai Vaishnavi Jagannath	Desai	Desai	Desai	Desai	Desai	Desai	Desai	Desai	Desai	Desai	



YASHWANTRAO CHAVAV COLLEGE OF SCIENCE, KARAD

Department of Biotechnology

Short Term Course

"Certificate Course in Food Science in Biotechnology"

Year 2022-2023

Attendance Sheet January

Roll No.	Name of the Students	Dates and Signature of the Students										
		4-1-23	6-1-23	7-1-23	12-1-23	18-1-23	20-1-23	21-1-23	25-1-23	27-1-23	28-1-23	
3001	Bhosale Vedant Ganesh	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	
3002	Desai Vaishnavi Jagannath	DVS	DVS	DVS	DVS	DVS	DVS	DVS	DVS	DVS	DVS	
3003	Katwate Gayatri Pramod	Katwate	Katwate	Katwate	Katwate	Katwate	Katwate	Katwate	Katwate	Katwate	Katwate	
3004	Salunkhe Atharv Arvind	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	
3005	Sanya K Prasannan	S.K.P	S.K.P	S.K.P	S.K.P	S.K.P	S.K.P	S.K.P	S.K.P	S.K.P	S.K.P	
3006	Awale Tejaswini Nitin	Awale	Awale	Awale	Awale	Awale	Awale	Awale	Awale	Awale	Awale	
3007	Jadhav Isha Ravindra	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	
3008	Jadhav Pavan Vijay	Pladhav	Pladhav	Pladhav	Pladhav	Pladhav	Pladhav	Pladhav	Pladhav	Pladhav	Pladhav	
3009	Kumbhar Sejal Anil	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	
3010	Parave Rasika Sambhaji	Parave	Parave	Parave	Parave	Parave	Parave	Parave	Parave	Parave	Parave	
3011	Patil Amruta Vijaykumar	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	
3012	Pawar Sakshi Kumar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	
3013	Pawar Shreya Bapurao	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	
3014	Kadam Prathamesh Ashok	Kadam	Kadam	Kadam	Kadam	Kadam	Kadam	Kadam	Kadam	Kadam	Kadam	
3015	Lokhande Shruti Samadhan	SSL	SSL	SSL	SSL	SSL	SSL	SSL	SSL	SSL	SSL	
3016	Mutwalli Nabil Asif	M	M	M	M	M	M	M	M	M	M	
3017	Patel Saniya Sikandar	Saniya	Saniya	Saniya	Saniya	Saniya	Saniya	Saniya	Saniya	Saniya	Saniya	
3018	Sankpal Pranali Dipak	Sankpal	Sankpal	Sankpal	Sankpal	Sankpal	Sankpal	Sankpal	Sankpal	Sankpal	Sankpal	
3019	Bhosale Vedant Ganesh	B.V.G	B.V.G	B.V.G	B.V.G	B.V.G	B.V.G	B.V.G	B.V.G	B.V.G	B.V.G	
3020	Desai Vaishnavi Jagannath	Desai	Desai	Desai	Desai	Desai	Desai	Desai	Desai	Desai	Desai	



YASHWANTRAO CHAVAV COLLEGE OF SCIENCE, KARAD

Department of Biotechnology

Short Term Course

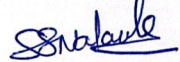
"Certificate Course in Food Science in Biotechnology"

Year 2022-2023

Attendance Sheet February.

Roll No.	Name of the Students	Dates and Signature of the Students											
		1-2-23	3-2-23	4-2-23	8-2-23	10-2-23	11-2-23	15-2-23	17-2-23	18-2-23	24-2-23		
391	Bhosale Vedant Ganesh	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale		
392	Desai Vaishnavi Jagannath	DVT	DVT	DVT	DVT	DVT	DVT	DVT	DVT	DVT	DVT		
393	Katwate Gayatri Pramod	Katwate	Katwate	Katwate	Katwate	Katwate	Katwate	Katwate	Katwate	Katwate	Katwate		
394	Salunkhe Atharv Arvind	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe		
395	Sanya K Prasannan	S.K.P	S.K.P	S.K.P	S.K.P	S.K.P	S.K.P	S.K.P	S.K.P	S.K.P	S.K.P		
396	Awale Tejaswini Nitin	Awale	Awale	Awale	Awale	Awale	Awale	Awale	Awale	Awale	Awale		
397	Jadhav Isha Ravindra	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav		
398	Jadhav Pavan Vijay	Pladhav	Pladhav	Pladhav	Pladhav	Pladhav	Pladhav	Pladhav	Pladhav	Pladhav	Pladhav		
399	Kumbhar Sejal Anil	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar	Kumbhar		
040	Parave Rasika Sambhaji	Parave	Parave	Parave	Parave	Parave	Parave	Parave	Parave	Parave	Parave		
401	Patil Amruta Vijaykumar	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil		
402	Pawar Sakshi Kumar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar		
403	Pawar Shreya Bapurao	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar	Pawar		
404	Kadam Prathamesh Ashok	Kadam	Kadam	Kadam	Kadam	Kadam	Kadam	Kadam	Kadam	Kadam	Kadam		
405	Lokhande Shruti Samadhan	Lokhande	Lokhande	Lokhande	Lokhande	Lokhande	Lokhande	Lokhande	Lokhande	Lokhande	Lokhande		
406	Mutwalli Nabil Asif	Mutwalli	Mutwalli	Mutwalli	Mutwalli	Mutwalli	Mutwalli	Mutwalli	Mutwalli	Mutwalli	Mutwalli		
407	Patel Saniya Sikandar	Saniya	Saniya	Saniya	Saniya	Saniya	Saniya	Saniya	Saniya	Saniya	Saniya		
408	Sankpal Pranali Dipak	Sankpal	Sankpal	Sankpal	Sankpal	Sankpal	Sankpal	Sankpal	Sankpal	Sankpal	Sankpal		
409	Bhosale Vedant Ganesh	B.V.G.	B.V.G.	B.V.G.	B.V.G.	B.V.G.	B.V.G.	B.V.G.	B.V.G.	B.V.G.	B.V.G.		
410	Desai Vaishnavi Jagannath	Desai	Desai	Desai	Desai	Desai	Desai	Desai	Desai	Desai	Desai		




 Course Co-ordinator
 Department of Biotechnology

YASHWANTRAO CHAVAV COLLEGE OF SCIENCE, KARAD
Department of Biotechnology
Short Term Course
“Certificate Course in Food Science In Biotechnology”
Year 2022–2023

Sr. No.	Criteria	Excellent	Good	Average	Poor
1.	Curriculum Content	15	05		
2.	Gratification about Lecture	16	04		
3.	Gratification about Practical	17	03		
4.	Hands on Training	18	02		
5.	Knowledge get from the course	14	06		
6.	The course if beneficial for Students and Parents	15	05		




YASHWANTRAO CHAVAV COLLEGE OF SCIENCE, KARAD
Department of Biotechnology
Short Term Course
“Certificate Course in Food Science In Biotechnology”
Year 2022-2023

Report

For this course Total 20 students are enrolled and 20 students are appeared for the exam. This course was conducted in Dec. 2022 to Feb. 2023. Department of Biotechnology Satisfactorily conducted this course.




Course Co-ordinator
Department of Biotechnology

YASHWANTRAO CHAVAV COLLEGE OF SCIENCE, KARAD
Department of Biotechnology
Short Term Course
"Certificate Course in Food Science In Biotechnology"
Year 2022- 2023

Result

No. of Students Enrolled	No. of Students Appeared	Pass	Fail	Result %
20	20	20	00	100



SSN
Course Co-ordinator
Department of Biotechnology

Estd.:

1958

|| Be one with the downtrodden and the underprivileged ||

Shri Shivaji Education Society, Vidyanagar, Karad
Board for Higher Education's, Vidyanagar Karad's



Yashwantrao Chavan College of Science, Karad

- Vidyanagar, Karad - 415 124. •
- Reaccredited B++ Level by NAAC, Bangalore. •
- An ISO 9001 : 2015 Certified College



Short Term Course Certificate of Completion

This is to certify that Mr./Miss. Katwale Gayatri Pramod
of Class B.Sc.I has Completed Short Term Course (3 Months) in Food Science
in Biotechnology conducted by the department of
Biotechnology during the academic year 2022-2023

Course Co-ordinator

Head of the Department

IQAC Co-ordinator

Principal

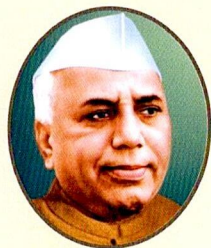
Estd.:

1958

|| Be one with the downtrodden and the underprivileged ||

Shri Shivaji Education Society, Vidyanagar, Karad
Board for Higher Education's, Vidyanagar Karad's

Yashwantrao Chavan College of Science, Karad



- Vidyanagar, Karad - 415 124.
- Reaccredited B++ Level by NAAC, Bangalore.
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Short Term Course Certificate of Completion

This is to certify that Mr./Miss. Bhosale Vedant Ganesh
of Class B.Sc.I has Completed Short Term Course (3 Months) in Food
science in biotechnology conducted by the department of
Biotechnology during the academic year 2022 - 2023

Course Co-ordinator

Head of the Department

IQAC Co-ordinator

Principal

Estd.:

1958

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Short Term Course Certificate of Completion

This is to certify that Mr./Miss. Awale Tejaswini Nitin
of Class B.Sc I has Completed Short Term Course (3 Months) in Food
science in Biotechnology conducted by the department of
Biotechnology during the academic year 2022 - 2023


Course Co-ordinator


Head of the Department


IQAC Co-ordinator


Principal

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This is to certify that Mr./Miss. Jadhav Isha Ravindra.
of Class B.Sc. I has Completed Short Term Course (3 Months) in Food
science in Biotechnology conducted by the department of
Biotechnology during the academic year 2022 - 2023

Course Co-ordinator

Head of the Department

IQAC Co-ordinator

Principal

Estd.:

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Short Term Course Certificate of Completion

This is to certify that Mr./Miss. kumhar sejal Anil
of Class B.Sc.I has Completed Short Term Course (3 Months) in Food
science in Biotechnology conducted by the department of
Biotechnology during the academic year 2022 - 2023

Course Co-ordinator

Head of the Department

IQAC Co-ordinator

Principal