

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



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Course Code - CCD - 02

DEPARTMENT OF BIOTECHNOLOGY

SHORT TERM COURSE

Food Science In Biotechnology

2021-22

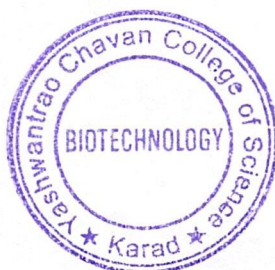
Index

Total Students: 20

Duration: 03 Months

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**Course Co-ordinator
Department of Biotechnology**



**Principal,
Yashwantrao Chavan College
of Science, Karad**



Estd. 1958

|| Be One with the downtrodden and the underprivileged ||
Shri Shivaji Education Society Karad, Board For Higher Education's

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, KARAD - 415 124 Dist. Satara (Maharashtra)

☎ 02164 - 271356, 271357 Fax : 02164-271356, e-mail : prinyccsk@gmail.com

Reaccredited B⁺⁺ Level by NAAC, Bangalore

AN ISO 9001-2015 CERTIFIED COLLEGE REG. NO. : RQ91/5237

Department of Biotechnology

Certificate course In "Food science in Biotechnology"

Year 2021-2022

Board of Studies (BOS)

Date : 02 /11/2021

Certificate Course in "Food science in Biotechnology" is going to start in the department of Biotechnology, Yashwantrao Chavan College of Science, Karad. Following committee is constituted for syllabus framing of the said course

Board of Studies (BOS) members

Sr.No.	Members	Designations	Signatures
1	Principal Dr. S. B. Kengar	Chairman	
2	Dr. G.G.Potdar	IQAC Coordinator	
3	Mrs. S. S. Nalawade	Course Coordinator	
4	Miss K.A.Yadav	Subject Expert	





Estd. 1958

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Department of Biotechnology

Year 2021-2022

Syllabus Approved Letter

Date : 02 /11/2021

The IQAC Committee has approved the syllabus of the short term course to be conducted by the Department of Biotechnology.

Sr. No.	Name of The Course	Type of The Course
1	Food science in Biotechnology	Short Term Course

Co-ordinator

Short term Course

IQAC Coordinator

Co-ordinator,

Internal Quality Assurance Cell (IQAC),
Yashwantrao Chavan College
of Science, Karad

Co-ordinator

Biotech. Dept.

Course Co-ordinator
Department of Biotechnology

Principal

Principal,
Yashwantrao Chavan College
of Science, Karad

Course Contents

Unit No.	Title	No. of Hours
1	a) History of microorganisms in food science and key developments b) Applications of biotechnology in food products c) Introduction to food processing of various foods (dairy, bakery, fruits product)	10
2	a) Importance and significance of microbes in Food Science b) Microbial spoilage of food (factors- growth and number) c) Food contamination d) Food Adulteration Methods of food preservation e) Indicators of Food Microbial Quality & Safety: HACCP, FSSAI & FDA	10
3	a) Preparation of Jam b) Preparation of dairy products c) Isolation of bacteria from cereals d) Isolation of bacteria from milk	10



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

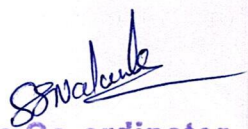
Department of Biotechnology

Notice

Date: 07/11/2021

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 enrol their names to Mrs. S.S Nalawade (course Co-ordinator) on or before 25th November 2021.




Course Co-ordinator
Department of Biotechnology

YASHWANTRAO CHAVAV COLLEGE OF SCIENCE, KARAD

Department of Biotechnology

Short Term Course

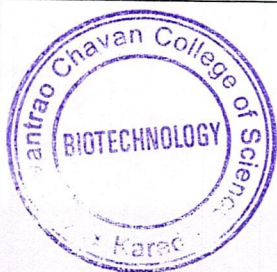
"Food Science in Biotechnology"

Year 2021 - 2022

Name of the Enrolled Students

Date : 01 /11/2021

Sr. No.	Roll No.	Name of the Students	Signature
1	391	Adsule Prathamesh Bhaskar	<u>ABP</u>
2	392	Bhosale Harshvardhan Ajay	<u>HBhosale</u>
3	393	Chavan Sanjana Anil	<u>SC</u>
4	394	Chavan Sanskar Pratap	<u>S.Chavan</u>
5	395	Jadhav Madhura Sudhakar	<u>JMK</u>
6	396	Jadhav Rutuja Vikram	<u>J.R.V</u>
7	397	KajaveShritej Rajaram	<u>Shritej</u>
8	398	Kale Saniya Dayanand	<u>S.D.Kale</u>
9	399	Kolhapure Sayali Vidyasagar	<u>S</u>
10	400	Kumbhar Nikhil Chandrakant	<u>N.K.C</u>
11	401	Latey Riya Ranjit	<u>RLatey</u>
12	402	Patil Manasi Arvind	<u>MPatil</u>
13	403	Patil Vedashri Sanjay	<u>VPatil</u>
14	404	Salunkhe Rutuja Krushnat	<u>R.Salunkhe</u>
15	405	Shinde Pranali Shankarrao	<u>Pranali</u>
16	406	Tate Utkarsha Vasant	<u>U.V.Tate</u>
17	407	Thorat Shivam Dattatray	<u>S.Thorat</u>
18	408	Varpe Rutuja Shivaji	<u>R.S.Varpe</u>
19	409	Yadav Vaishnavi Prakash	<u>Vaishnavi</u>
20	410	Mane Rugved	<u>R.Mane</u>



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Department of Biotechnology

Certificate course In "Food Science in Biotechnology"

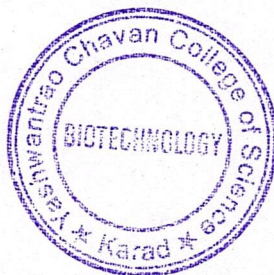
Year 2021-2022

Date : 02 /11/2021

- | | | |
|-----------------------------|---|------------------------|
| 1. Class | : | B. Sc. I |
| 2. Duration of the Course | : | 3 Months |
| 3. Capacity | : | 20 |
| 4. No. of Students Enrolled | : | 20 |
| 5. Theory Examination | : | Last week of February. |
| 6. Practical Examination | : | First week of March |

Course Co-ordinator
Short Term Course

Course Co-ordinator
Biotech. Dept.



YASHWANTRAO CHAVAV COLLEGE OF SCIENCE, KARAD

Department of Biotechnology

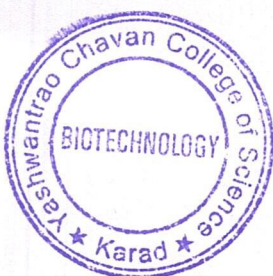
Short Term Course


"Certificate Course in Food Science in Biotechnology "

Year 2021-2022

Date : 28 /11/2021

All the students those who are enrolled their names for this course are hereby informed that their theory lecture is going to start from 1st Dec. 2021. All concerned should note and follow




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 2021-2022
Time Table
Dec. 2021 to Feb 2022

Theory/Practical Time Table

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

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

N.B.

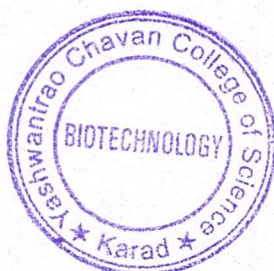
- 1 Bracketed Numbers denotes Lecture Hall Numbers.
- 2 All concerned should note and follow.
3. G: Lecture hall In Golden Jubilee Building



Course Co-ordinator
Short Term Course



Course Co-ordinator
Biotech. Dept.



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?

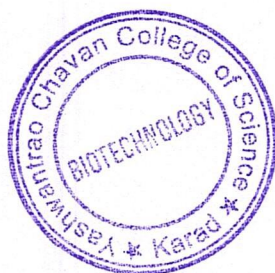
- (a) *Aspergillus* (b) *Pseudomonas* (c) *Saccharomyces* (d) *Clostridium*

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

2021-22

Food Science In Biotechnology

Practical Examination

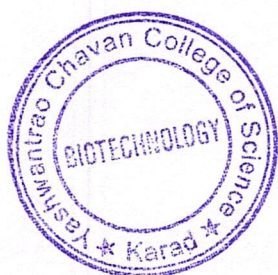
Total -40

Q.1. Proceed to prepare 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 (2021-22)

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	Adsule Prathamesh Bhaskar	23	24	40	87
392	Bhosale Harshvardhan Ajay	22	25	40	87
393	Chavan Sanjana Anil	26	20	40	86
394	Chavan Sanskar Pratap	21	24	40	85
395	Jadhav Madhura Sudhakar	25	25	40	90
396	Jadhav Rutuja Vikram	19	27	40	86
397	KajaveShritej Rajaram	21	28	40	89
398	Kale Saniya Dayanand	21	26	40	87
399	Kolhapure Sayali Vidyasagar	19	24	40	81
400	Kumbhar Nikhil Chandrakant	21	25	40	86
401	Latey Riya Ranjit	21	26	40	87
402	Patil Manasi Arvind	25	20	40	85
403	Patil Vedashri Sanjay	22	22	40	84
404	Salunkhe Rutuja Krushnat	23	27	40	90
405	Shinde Pranali Shankarrao	24	19	40	83
406	Tate Utkarsha Vasant	22	20	40	82
407	Thorat Shivam Dattatray	21	24	40	85
408	Varpe Rutuja Shivaji	21	20	40	81
409	Yadav Vaishnavi Prakash	25	27	40	92
410	Mane Rugved	23	28	40	91



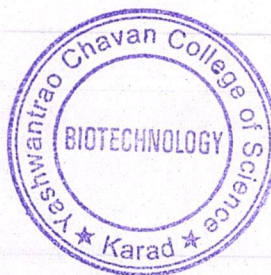
Signature
Course Co-ordinator
Department of Biotechnology

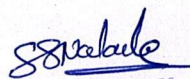
Yashwantrao Chavan College of Science, Karad

Department of Biotechnology

Short term Course-Food science in Biotechnology(2021-22)

Course Code	CCD-02	Course:	Food science in biotechnology	
Prepared by	S.S.Nalawade		Date	2021-22
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 CHAVAV COLLEGE OF SCIENCE, KARAD

Department of Biotechnology

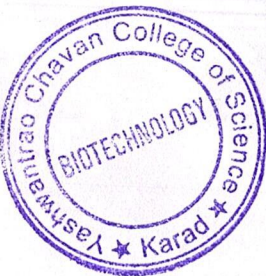
Short Term Course

"Certificate Course in Food Science in Biotechnology"

Year 2021-2022

Attendance Sheet December

Roll No.	Name of the Students	Dates and Signature of the Students									
		1-12-21	3-12-21	4-12-21	8-12-21	10-12-21	11-12-21	15-12-21	17-12-21	18-12-21	29-12-21
391	Adsule Prathamesh Bhaskar	ABP	ABP	ABP	ABP	ABP	ABP	ABP	ABP	ABP	ABP
392	Bhosale Harshvardhan Ajay	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale
393	Chavan Sanjana Anil	S.P.Chavan	S.P.Chavan	S.P.Chavan	S.P.Chavan	S.P.Chavan	S.P.Chavan	S.P.Chavan	S.P.Chavan	S.P.Chavan	S.P.Chavan
394	Chavan Sanskar Pratap	S.P.Chavan	S.P.Chavan	S.P.Chavan	S.P.Chavan	S.P.Chavan	S.P.Chavan	S.P.Chavan	S.P.Chavan	S.P.Chavan	S.P.Chavan
395	Jadhav Madhura Sudhakar	J.M.S.	J.M.S.	J.M.S.	J.M.S.	J.M.S.	J.M.S.	J.M.S.	J.M.S.	J.M.S.	J.M.S.
396	Jadhav Rutuja Vikram	J.R.V.	J.R.V.	J.R.V.	J.R.V.	J.R.V.	J.R.V.	J.R.V.	J.R.V.	J.R.V.	J.R.V.
397	Kajave Shritej Rajaram	Shritej	Shritej	Shritej	Shritej	Shritej	Shritej	Shritej	Shritej	Shritej	Shritej
398	Kale Saniya Dayanand	S.D.Kale	S.D.Kale	S.D.Kale	S.D.Kale	S.D.Kale	S.D.Kale	S.D.Kale	S.D.Kale	S.D.Kale	S.D.Kale
399	Kolhapure Sayali Vidyasagar	₹	₹	₹	₹	₹	₹	₹	₹	₹	₹
400	Kumbhar Nikhil Chandrakant	N.K.C.	N.K.C.	N.K.C.	N.K.C.	N.K.C.	N.K.C.	N.K.C.	N.K.C.	N.K.C.	N.K.C.
401	Latey Riya Ranjit	Katey	Katey	Katey	Katey	Katey	Katey	Katey	Katey	Katey	Katey
402	Patil Manasi Arvind	M.Patil	M.Patil	M.Patil	M.Patil	M.Patil	M.Patil	M.Patil	M.Patil	M.Patil	M.Patil
403	Patil Vedashri Sanjay	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
404	Salunkhe Rutuja Krushnat	R.Salunkhe	R.Salunkhe	R.Salunkhe	R.Salunkhe	R.Salunkhe	R.Salunkhe	R.Salunkhe	R.Salunkhe	R.Salunkhe	R.Salunkhe
405	Shinde Pranali Shankarrao	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali
406	Tate Utkarsha Vasant	U.V.Tate	U.V.Tate	U.V.Tate	U.V.Tate	U.V.Tate	U.V.Tate	U.V.Tate	U.V.Tate	U.V.Tate	U.V.Tate
407	Thorat Shivam Dattatray	S.Thorat	S.Thorat	S.Thorat	S.Thorat	S.Thorat	S.Thorat	S.Thorat	S.Thorat	S.Thorat	S.Thorat
408	Varpe Rutuja Shivaji	R.S.Varpe	R.S.Varpe	R.S.Varpe	R.S.Varpe	R.S.Varpe	R.S.Varpe	R.S.Varpe	R.S.Varpe	R.S.Varpe	R.S.Varpe
409	Yadav Vaishnavi Prakash	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi
410	Mane Rugved	R.Mane	R.Mane	R.Mane	R.Mane	R.Mane	R.Mane	R.Mane	R.Mane	R.Mane	R.Mane



YASHWANTRAO CHAVAV COLLEGE OF SCIENCE, KARAD

Department of Biotechnology

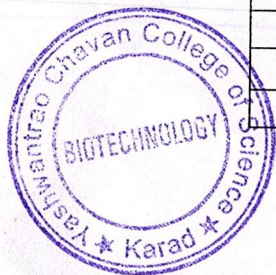
Short Term Course

"Certificate Course in Food Science in Biotechnology"

Year 2021-2022

Attendance Sheet January

Roll No.	Name of the Students	Dates and Signature of the Students									
		5-1-22	7-1-22	8-1-22	12-1-22	14-1-22	15-1-22	21-1-22	22-1-22	28-1-22	29-1-22
391	Adsule Prathamesh Bhaskar	ABP	ABP	ABP	ABP	ABP	ABP	ABP	ABP	ABP	ABP
392	Bhosale Harshvardhan Ajay	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale
393	Chavan Sanjana Anil	S.Chavan	S.Chavan	S.Chavan	S.Chavan	S.Chavan	S.Chavan	S.Chavan	S.Chavan	S.Chavan	S.Chavan
394	Chavan Sanskar Pratap	S.Chavan	S.Chavan	S.Chavan	S.Chavan	S.Chavan	S.Chavan	S.Chavan	S.Chavan	S.Chavan	S.Chavan
395	Jadhav Madhura Sudhakar	J.M.	J.M.	J.M.	J.M.	J.M.	J.M.	J.M.	J.M.	J.M.	J.M.
396	Jadhav Rutuja Vikram	J.R.V.	J.R.V.	J.R.V.	J.R.V.	J.R.V.	J.R.V.	J.R.V.	J.R.V.	J.R.V.	J.R.V.
397	Kajave Shritej Rajaram	Shritej	Shritej	Shritej	Shritej	Shritej	Shritej	Shritej	Shritej	Shritej	Shritej
398	Kale Saniya Dayanand	S.D.Kale	S.D.Kale	S.D.Kale	S.D.Kale	S.D.Kale	S.D.Kale	S.D.Kale	S.D.Kale	S.D.Kale	S.D.Kale
399	Kolhapure Sayali Vidyasagar	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
400	Kumbhar Nikhil Chandrakant	N.K.C	N.K.C	N.K.C	N.K.C	N.K.C	N.K.C	N.K.C	N.K.C	N.K.C	N.K.C
401	Latey Riya Ranjit	Katey	Katey	Katey	Katey	Katey	Katey	Katey	Katey	Katey	Katey
402	Patil Manasi Arvind	M.Patil	M.Patil	M.Patil	M.Patil	M.Patil	M.Patil	M.Patil	M.Patil	M.Patil	M.Patil
403	Patil Vedashri Sanjay	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
404	Salunkhe Rutuja Krushnat	R.Salunkhe	R.Salunkhe	R.Salunkhe	R.Salunkhe	R.Salunkhe	R.Salunkhe	R.Salunkhe	R.Salunkhe	R.Salunkhe	R.Salunkhe
405	Shinde Pranali Shankarrao	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali
406	Tate Utkarsha Vasant	U.V.Tate	U.V.Tate	U.V.Tate	U.V.Tate	U.V.Tate	U.V.Tate	U.V.Tate	U.V.Tate	U.V.Tate	U.V.Tate
407	Thorat Shivam Dattatray	S.Thorat	S.Thorat	S.Thorat	S.Thorat	S.Thorat	S.Thorat	S.Thorat	S.Thorat	S.Thorat	S.Thorat
408	Varpe Rutuja Shivaji	R.S.Varpe	R.S.Varpe	R.S.Varpe	R.S.Varpe	R.S.Varpe	R.S.Varpe	R.S.Varpe	R.S.Varpe	R.S.Varpe	R.S.Varpe
409	Yadav Vaishnavi Prakash	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi
410	Mane Rugved	R.Mane	R.Mane	R.Mane	R.Mane	R.Mane	R.Mane	R.Mane	R.Mane	R.Mane	R.Mane



YASHWANTRAO CHAVAV COLLEGE OF SCIENCE, KARAD

Department of Biotechnology

Short Term Course

"Certificate Course in Food Science in Biotechnology"

Year 2021-2022

Attendance Sheet February

Roll No.	Name of the Students	Dates and Signature of the Students										
		2-2-22	4-2-22	5-2-22	7-2-22	11-2-22	12-2-22	16-2-22	18-2-22	19-2-22	25-2-22	
391	Adsule Prathamesh Bhaskar	ABP	ABP	ABP	ABP	ABP	ABP	ABP	ABP	ABP	ABP	
392	Bhosale Harshvardhan Ajay	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	Bhosale	
393	Chavan Sanjana Anil	S. Chavan	S. Chavan	S. Chavan	S. Chavan	S. Chavan	S. Chavan	S. Chavan	S. Chavan	S. Chavan	S. Chavan	
394	Chavan Sanskar Pratap	S. Chavan	S. Chavan	S. Chavan	S. Chavan	S. Chavan	S. Chavan	S. Chavan	S. Chavan	S. Chavan	S. Chavan	
395	Jadhav Madhura Sudhakar	J.M.S.	J.M.S.	J.M.S.	J.M.S.	J.M.S.	J.M.S.	J.M.S.	J.M.S.	J.M.S.	J.M.S.	
396	Jadhav Rutuja Vikram	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	Rutuja	
397	Kajave Shritej Rajaram	Shritej	Shritej	Shritej	Shritej	Shritej	Shritej	Shritej	Shritej	Shritej	Shritej	
398	Kale Saniya Dayanand	S.D. Kale	S.D. Kale	S.D. Kale	S.D. Kale	S.D. Kale	S.D. Kale	S.D. Kale	S.D. Kale	S.D. Kale	S.D. Kale	
399	Kolhapure Sayali Vidyasagar	S.V.	S.V.	S.V.	S.V.	S.V.	S.V.	S.V.	S.V.	S.V.	S.V.	
400	Kumbhar Nikhil Chandrakant	N.C.K.	N.C.K.	N.C.K.	N.C.K.	N.C.K.	N.C.K.	N.C.K.	N.C.K.	N.C.K.	N.C.K.	
401	Latey Riya Ranjit	Riye	Riye	Riye	Riye	Riye	Riye	Riye	Riye	Riye	Riye	
402	Patil Manasi Arvind	Manasi	Manasi	Manasi	Manasi	Manasi	Manasi	Manasi	Manasi	Manasi	Manasi	
403	Patil Vedashri Sanjay	Vedashri	Vedashri	Vedashri	Vedashri	Vedashri	Vedashri	Vedashri	Vedashri	Vedashri	Vedashri	
404	Salunkhe Rutuja Krushnat	R. Salunkhe	R. Salunkhe	R. Salunkhe	R. Salunkhe	R. Salunkhe	R. Salunkhe	R. Salunkhe	R. Salunkhe	R. Salunkhe	R. Salunkhe	
405	Shinde Pranali Shankarrao	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	
406	Tate Utkarsha Vasant	U.V. Tate	U.V. Tate	U.V. Tate	U.V. Tate	U.V. Tate	U.V. Tate	U.V. Tate	U.V. Tate	U.V. Tate	U.V. Tate	
407	Thorat Shivam Dattatray	S. Thorat	S. Thorat	S. Thorat	S. Thorat	S. Thorat	S. Thorat	S. Thorat	S. Thorat	S. Thorat	S. Thorat	
408	Varpe Rutuja Shivaji	R.S. Varpe	R.S. Varpe	R.S. Varpe	R.S. Varpe	R.S. Varpe	R.S. Varpe	R.S. Varpe	R.S. Varpe	R.S. Varpe	R.S. Varpe	
409	Yadav Vaishnavi Prakash	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	
410	Mane Rugved	R. Mane	R. Mane	R. Mane	R. Mane	R. Mane	R. Mane	R. Mane	R. Mane	R. Mane	R. Mane	



Course Co-ordinator
Department of Biotechnology

YASHWANTRAO CHAVAV COLLEGE OF SCIENCE, KARAD

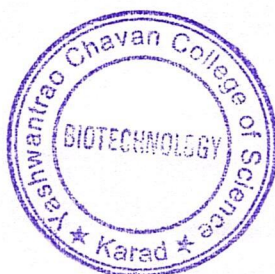
Department of Biotechnology

Short Term Course

"Certificate Course in Food Science In Biotechnology"

Year 2021-2022

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



YASHWANTRAO CHAVAV COLLEGE OF SCIENCE, KARAD
Department of Biotechnology
Short Term Course
"Certificate Course in Food Science In Biotechnology"
Year 2021- 2022

Result

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




SS Nalank
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 2021-2022

Report

For this course Total 20 students are enrolled and 20 students are appeared for the exam. This course was conducted in Dec. 2021 to Feb. 2022. Department of Biotechnology Satisfactorily conducted this course.




Course Co-ordinator
Department of Biotechnology

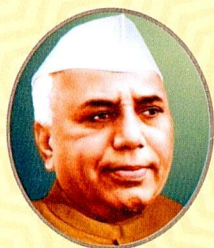
Estd.:

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

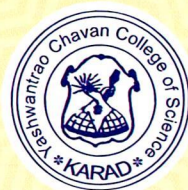
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Shri Shivaji Education Society, Vidyanagar, Karad
Board for Higher Education's, Vidyanagar Karad's

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. Kolhapure sayali Vidyasagar
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 2021 - 2022


Course Co-ordinator


Head of the Department


IQAC Co-ordinator


Principal

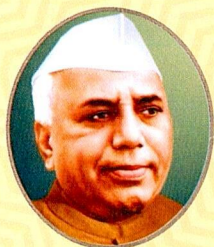
Estd.:

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

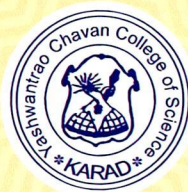
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Short Term Course CERTIFICATE of Completion

This is to certify that Mr./Miss. Thorat Shivam Dattatray
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 20 - 20

Course Co-ordinator

Head of the Department

IQAC Co-ordinator

Principal

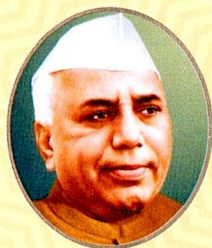
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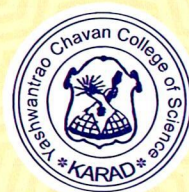
|| Be one with the downtrodden and the underprivileged ||

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Short Term Course CERTIFICATE of Completion

This is to certify that Mr./Miss. Latey Riya Ranjit
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 2021 - 2022

Course Co-ordinator

Head of the Department

IQAC Co-ordinator

Principal

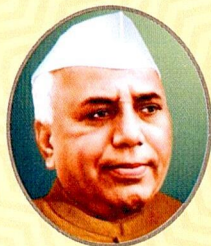
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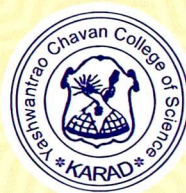
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Yashwantrao Chavan College of Science, Karad

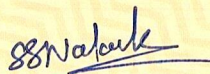



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Short Term Course CERTIFICATE of COMPLETION

This is to certify that Mr./Miss. Kale Sanjya Dayanand
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 2021 - 2022


Course Co-ordinator


Head of the Department


IQAC Co-ordinator


Principal

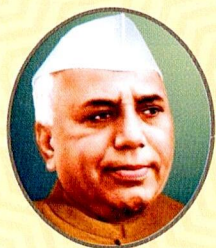
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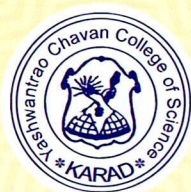
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Short Term Course CERTIFICATE of Completion

This is to certify that Mr./Miss. Adsule Prathmesh Bhaskar
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 2021 - 2022


Course Co-ordinator


Head of the Department


IQAC Co-ordinator


Principal