



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



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

course code-CCF-03

DEPARTMENT OF BIOTECHNOLOGY

SHORT TERM COURSE

BIOLOGICAL DATABASES IN COMPUTERS

2023-24

Index

Total Students: 20

Duration: 03 Months

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Course Co-ordinator
Department of Biotechnology



Principal
Yashwantrao Chavan College
of Science, Karad

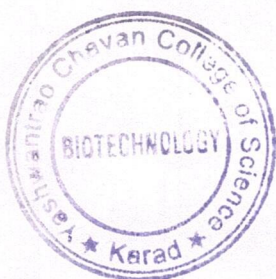
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD


Department of Biotechnology

Notice

Date: 07/11/2023

All the Students of the B. Sc. II are hereby informed that the Department of Biotechnology is going to run a short-term course entitled as “**Biological Databases In Computers**” Interested Candidates enrol their names to Mrs. V. R. Patil(course Co-ordinator) on or before 25th November 2023.




Course Co-ordinator
Department of Biotechnology

YASHWANTRAO CHAVAV COLLEGE OF SCIENCE, KARAD

Department of Chemistry

Short Term Course

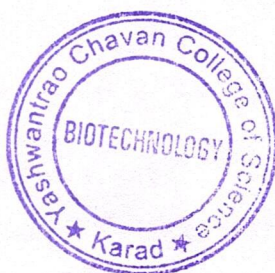
"Biological Databases in Computers"

Year 2023 - 2024

Name of the Enrolled Students

Date: 01/11/2023

Sr. No.	Roll No.	Name of the Students	Signature
1	1198	Bhosale Vedant Ganesh	B.V.G.
2	1199	Desai Vaishnavi Jagannath	Vaishnavi..
3	1200	Katwate Gayatri Pramod	Katwate
4	1201	Salunkhe Atharv Arvind	A. Salunkhe
5	1202	Sanya K Prasannan	Sanya K
6	1203	Awale Tejaswini Nitin	T. Awale
7	1204	Jadhav Isha Ravindra	I. Jadhav
8	1205	Jadhav Pavan Vijay	P. Jadhav
9	1206	Kumbhar Sejal Anil	Kumbhar
10	1207	Parave Rasika Sambhaji	R. Parave
11	1208	Patil Amruta Vijaykumar	A. Patil
12	1209	Pawar Sakshi Kumar	S. Pawar
13	1210	Pawar Shreya Bapurao	S. Pawar
14	1211	Kadam Prathamesh Ashok	P. Kadam
15	1212	Lokhande Shruti Samadhan	S. Lokhande
16	1213	Mutwalli Nabil Asif	M. Mutwalli
17	1214	Patel Saniya Sikandar	S. Patel
18	1215	Sankpal Pranali Dipak	P. Sankpal
19	1198	Bhosale Vedant Ganesh	B.V.G.
20	1199	Desai Vaishnavi Jagannath	V.J.D.

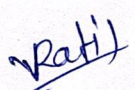


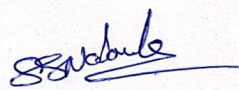
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.
Department of Biotechnology

Certificate course In "Biological Databases in Computers"
Year 2023-2024

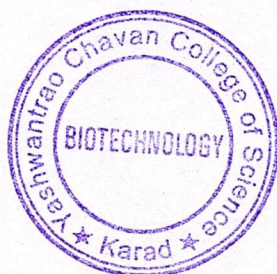
Date: 01 /11/2023

- | | | |
|-----------------------------|---|------------------------|
| 1. Class | : | B. Sc. II |
| 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. Department

Course Co-ordinator
Department of Biotechnology



YASHWANTRAO CHAVAV COLLEGE OF SCIENCE, KARAD
Department of Biotechnology
Short Term Course
“Certificate Course in Biological Databases in Computers”
Year 2023-2024

Theory/Practical Time Table

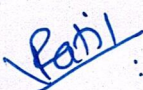
Dec. 2023 to Feb.2024

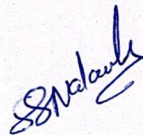
Lect. Time	Wed	Thru
8.50-9.40	G32 VRP	G32 SSN
9.40-10.30	G32 JSP	G32 VRP

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

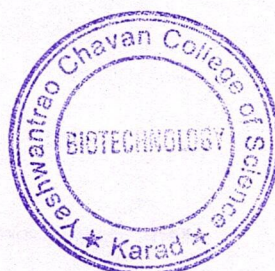
N.B.

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


Course Co-ordinator
Short Term Course


Course Co-ordinator
Biotech. Department

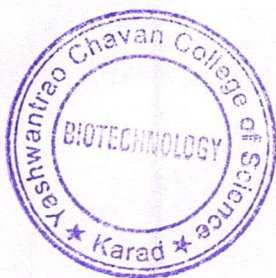
Course Co-ordinator
Department of Biotechnology

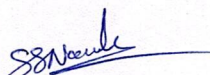


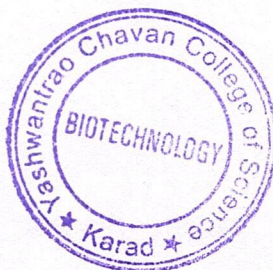
YASHWANTRAO CHAVAV COLLEGE OF SCIENCE, KARAD
Department of
Short Term Course
"Certificate Course in Biological Databases in Computers"
Year 2023-2024

Date: 28 /11/2023

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. 2023. All concerned should note and follow




Course Co-ordinator
Department of Biotechnology



8. What is Internet?

- a) a single network b) a vast collection of different network
c) interconnection of local area of network d) none of the above

9. The basic operations performed by a computer are

- A) Arithmetic operation B) Logical operation C) Storage and relative D) All the above

10. Software in computer

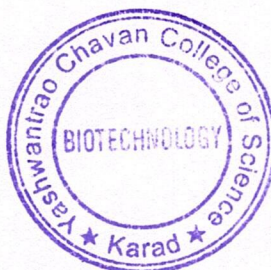
- A) Enhances the capabilities of the hardware B) Increase the speed of central processing unit C) Both of above D) None of above

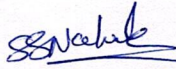
Q.2) Answer the following in short

(10)

1. Write classification of computers

2. Write introduction to databases

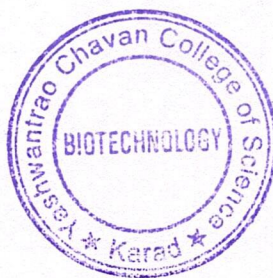




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Department of Biotechnology

Yashwantrao Chavan College of Science, Karad
Department of Biotechnology
Short Term Course
2023-24
Biological Databases in computers
Practical Examination

Q.1. Browse primary and secondary Databases (20 marks)

Q. 2. Explore different types of databases (20 marks)




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Department of Biotechnology

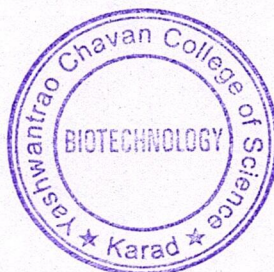
Yashwantrao Chavan College of Science, Karad

Department of Biotechnology

Short term Course - Biological Databases In Computers (2023-24)

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)
1198	Bhosale Vedant Ganesh	21	24	40	85
1199	Desai Vaishnavi Jagannath	22	25	40	87
1200	Katwate Gayatri Pramod	21	20	40	81
1201	Salunkhe Atharv Arvind	21	24	40	85
1202	Sanya K Prasannan	25	25	40	90
1203	Awale Tejaswini Nitin	19	27	40	86
1204	Jadhav Isha Ravindra	21	28	40	89
1205	Jadhav Pavan Vijay	21	26	40	87
1206	Kumbhar Sejal Anil	17	24	40	81
1207	Parave Rasika Sambhaji	21	25	40	86
1208	Patil Amruta Vijaykumar	21	26	40	87
1209	Pawar Sakshi Kumar	25	20	40	85
1210	Pawar Shreya Bapurao	19	25	40	84
1211	Kadam Prathamesh Ashok	21	27	40	88
1212	Lokhande Shruti Samadhan	21	19	40	80
1213	Mutwalli Nabil Asif	22	20	40	82
1214	Patel Saniya Sikandar	21	24	40	85
1215	Sankpal Pranali Dipak	21	20	40	81
1198	Bhosale Vedant Ganesh	25	27	40	92
1199	Desai Vaishnavi Jagannath	19	28	40	87



Yashwantrao Chavan College of Science, Karad

Department of Biotechnology

Short term Course - Biological Databases In Computers (2023-24)

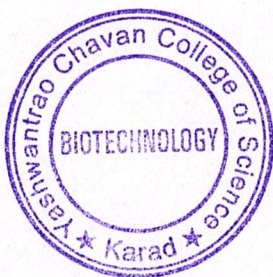
CO Attainment

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)
Short term CCE - 02	Biological Databases in Computers	93.00	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

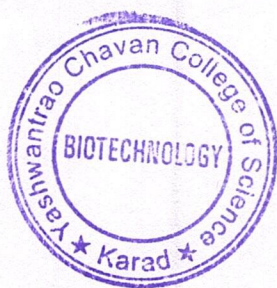
For internal exam	
Level 1	Less than 60% of students scoring more than average marks
Level 2	60% - 80% of students scoring more than average marks
Level 3	more than equal to 80% of students scoring more than average marks




YASHWANTRAO CHAVAV COLLEGE OF SCIENCE, KARAD
Department of Biotechnology
Short Term Course
"Certificate Course in Biological Databases in Computers"
Year 2023 - 2024

Result

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

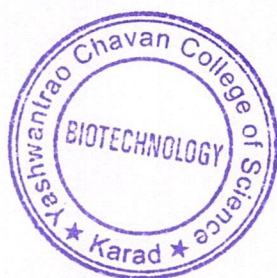




Course Co-ordinator
Department of Biotechnology

YASHWANTRAO CHAVAV COLLEGE OF SCIENCE, KARAD
Department of Biotechnology
Short Term Course
"Certificate Course in Biological Databases in Computers"
Year 2023-2024

Report

For this course Total 20 students are enrolled and 20 students are appeared for the exam. This course was conducted in Dec. 2023 to Feb. 2024. Department of Biotechnology Satisfactorily conducted this course.




Course Co-ordinator
Department of Biotechnology

YASHWANTRAO CHAVAV COLLEGE OF SCIENCE, KARAD

Department of Biotechnology

Career Oriented Courses/ Certificate Courses/ Add on Courses / Value Added
Courses/ Skill Based Courses/ Short Term Courses

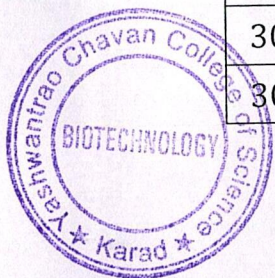
Year 2023- 24

Sr. No.	Name of Add on / Certificate Programs Offered	Duration of the Course	Number of the Students Enrolled
1.	Biological Databases in computers	3 Months	20

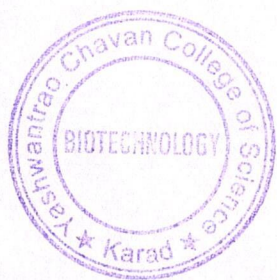


Department of Biotechnology
Short Term Course
"Certificate Course in Biological Databases In Computers"
Year 2022-2023
Attendance Sheet December

Roll No.	Name of the Students	Dates and Signature of the Students									
		2-12	6-12	7-12	9-12	13-12	14-12	16-12	20-12	21-12	23-12
3001	Adsule Prathamesh Bhaskar	PbA	PbA	PbA	PbA	PbA	PbA	PbA	PbA	PbA	PbA
3002	Bhosale Harshvardhan Ajay	HABh	HABh	HABh	HABh	HABh	HABh	HABh	HABh	HABh	HABh
3003	Chavan Sanjana Anil	SC	SC	SC	SC	SC	SC	SC	SC	SC	SC
3004	Chavan Sanskar Pratap	PC	PC	PC	PC	PC	PC	PC	PC	PC	PC
3005	Jadhav Madhura Sudhakar	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.J
3006	Jadhav Rutuja Vikram	RVJ	RVJ	RVJ	RVJ	RVJ	RVJ	RVJ	RVJ	RVJ	RVJ
3007	Kajave Shritej Rajaram	Shritej	Shritej	Shritej	Shritej	Shritej	Shritej	Shritej	Shritej	Shritej	Shritej
3008	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
3009	Kolhapure Sayali Vidyasagar	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK
3010	Kumbhar Nikhil Chandrakant	Nckumbhar	Nckumbhar	Nckumbhar	Nckumbhar	Nckumbhar	Nckumbhar	Nckumbhar	Nckumbhar	Nckumbhar	Nckumbhar
3011	Latey Riya Ranjit	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL
3012	Patil Manasi Arvind	MA	MA	MA	MA	MA	MA	MA	MA	MA	MA
3013	Patil Vedashri Sanjay	V.P	V.P	V.P	V.P	V.P	V.P	V.P	V.P	V.P	V.P

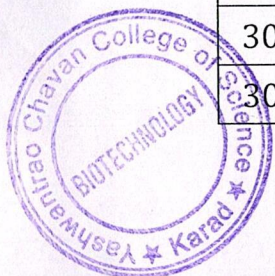


3014	Salunkhe Rutuja Krushnat	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>
3015	Shinde Pranali Shankarrao	<u>PSS</u>	<u>PSS</u>	<u>PSS</u>	<u>PSS</u>	<u>PSS</u>	<u>PSS</u>	<u>PSS</u>	<u>PSS</u>	<u>PSS</u>	<u>PSS</u>
3016	Tate Utkarsha Vasant	<u>IV</u>	<u>IV</u>	<u>IV</u>	<u>IV</u>	<u>IV</u>	<u>IV</u>	<u>IV</u>	<u>IV</u>	<u>IV</u>	<u>IV</u>
3017	Thorat Shivam Dattatray	<u>S</u>	<u>S</u>	<u>S</u>	<u>S</u>	<u>S</u>	<u>S</u>	<u>S</u>	<u>S</u>	<u>S</u>	<u>S</u>
3018	Varpe Rutuja Shivaji	<u>RSU</u>	<u>RSU</u>	<u>RSU</u>	<u>RSU</u>	<u>RSU</u>	<u>RSU</u>	<u>RSU</u>	<u>RSU</u>	<u>RSU</u>	<u>RSU</u>
3019	Yadav Vaishnavi Prakash	<u>Vaishnavi</u>	<u>Vaishnavi</u>	<u>Vaishnavi</u>	<u>Vaishnavi</u>	<u>Vaishnavi</u>	<u>Vaishnavi</u>	<u>Vaishnavi</u>	<u>Vaishnavi</u>	<u>Vaishnavi</u>	<u>Vaishnavi</u>
3020	Mane Rugved	<u>Rugved</u>	<u>Rugved</u>	<u>Rugved</u>	<u>Rugved</u>	<u>Rugved</u>	<u>Rugved</u>	<u>Rugved</u>	<u>Rugved</u>	<u>Rugved</u>	<u>Rugved</u>

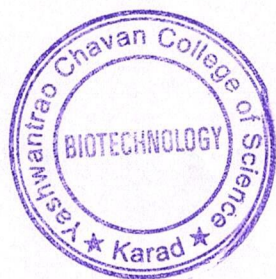


Department of Biotechnology
Short Term Course
"Certificate Course in Biological Databases In Computers"
Year 2022-2023
Attendance Sheet

Roll No.	Name of the Students	Dates and Signature of the Students									
		27-12	28-12	30-12	31-12	4-1	6-1	10-1	11-1	13-1	17-1
3001	Adsule Prathamesh Bhaskar	PbB	PbB	PbB	PbB	PbB	PbB	PbB	PbB	PbB	PbB
3002	Bhosale Harshvardhan Ajay	HABH	HABH	HABH	HABH	HABH	HABH	HABH	HABH	HABH	HABH
3003	Chavan Sanjana Anil	SC	SC	SC	SC	SC	SC	SC	SC	SC	SC
3004	Chavan Sanskar Pratap	SP	SP	SP	SP	SP	SP	SP	SP	SP	SP
3005	Jadhav Madhura Sudhakar	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.J
3006	Jadhav Rutuja Vikram	RVS	RVS	RVS	RVS	RVS	RVS	RVS	RVS	RVS	RVS
3007	Kajave Shritej Rajaram	Shritej	Shritej	Shritej	Shritej	Shritej	Shritej	Shritej	Shritej	Shritej	Shritej
3008	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
3009	Kolhapure Sayali Vidyasagar	SK	SK	SK	SK	SK	SK	SK	SK	SK	SK
3010	Kumbhar Nikhil Chandrakant	Nekumbar	Nekumbar	Nekumbar	Nekumbar	Nekumbar	Nekumbar	Nekumbar	Nekumbar	Nekumbar	Nekumbar
3011	Latey Riya Ranjit	RL	RL	RL	RL	RL	RL	RL	RL	RL	RL
3012	Patil Manasi Arvind	MP	MP	MP	MP	MP	MP	MP	MP	MP	MP
3013	Patil Vedashri Sanjay	V-P	V-P	V-P	V-P	V-P	V-P	V-P	V-P	V-P	V-P



3014	Salunkhe Rutuja Krushnat	<u>Q</u>	<u>Q</u>	<u>Q</u>	<u>Q</u>	<u>Q</u>	<u>Q</u>	<u>Q</u>	<u>Q</u>	<u>Q</u>	<u>Q</u>
3015	Shinde Pranali Shankarrao	<u>PSS</u>	<u>PSS</u>	<u>PSS</u>	<u>PSS</u>	<u>PSS</u>	<u>PSS</u>	<u>PSS</u>	<u>PSS</u>	<u>PSS</u>	<u>PSS</u>
3016	Tate Utkarsha Vasant	<u>IV</u>	<u>IV</u>	<u>IV</u>	<u>IV</u>	<u>IV</u>	<u>IV</u>	<u>IV</u>	<u>IV</u>	<u>IV</u>	<u>IV</u>
3017	Thorat Shivam Dattatray	<u>S</u>	<u>S</u>	<u>S</u>	<u>S</u>	<u>S</u>	<u>S</u>	<u>S</u>	<u>S</u>	<u>S</u>	<u>S</u>
3018	Varpe Rutuja Shivaji	<u>RSV</u>	<u>RSV</u>	<u>RSV</u>	<u>RSV</u>	<u>RSV</u>	<u>RSV</u>	<u>RSV</u>	<u>RSV</u>	<u>RSV</u>	<u>RSV</u>
3019	Yadav Vaishnavi Prakash	<u>Vaishnavi</u>	<u>Vaishnavi</u>	<u>Vaishnavi</u>	<u>Vaishnavi</u>	<u>Vaishnavi</u>	<u>Vaishnavi</u>	<u>Vaishnavi</u>	<u>Vaishnavi</u>	<u>Vaishnavi</u>	<u>Vaishnavi</u>
3020	Mane Rugved	<u>Rugved</u>	<u>Rugved</u>	<u>Rugved</u>	<u>Rugved</u>	<u>Rugved</u>	<u>Rugved</u>	<u>Rugved</u>	<u>Rugved</u>	<u>Rugved</u>	<u>Rugved</u>



Department of Biotechnology
Short Term Course
"Certificate Course in Biological Databases In Computers"
Year 2023-2024
Attendance Sheet

Roll No.	Name of the Students	Dates and Signature of the Students									
		18-1	24-1	25-1	27-1	1-2	3-2	7-2	8-2	10-2	14-2
3001	Adsule Prathamesh Bhaskar	PbA	PbA	PbA	PbA	PbA	PbA	PbA	PbA	PbA	PbA
3002	Bhosale Harshvardhan Ajay	HABha	HABha	HABha	HABha	HABha	HABha	HABha	HABha	HABha	HABha
3003	Chavan Sanjana Anil	SC	SC	SC	SC	SC	SC	SC	SC	SC	SC
3004	Chavan Sanskar Pratap	SC	SC	SC	SC	SC	SC	SC	SC	SC	SC
3005	Jadhav Madhura Sudhakar	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.J.
3006	Jadhav Rutuja Vikram	RVS	RVS	RVS	RVS	RVS	RVS	RVS	RVS	RVS	RVS
3007	Kajave Shritej Rajaram	Shritej	Shritej	Shritej	Shritej	Shritej	Shritej	Shritej	Shritej	Shritej	Shritej
3008	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
3009	Kolhapure Sayali Vidyasagar	SC	SC	SC	SC	SC	SC	SC	SC	SC	SC
3010	Kumbhar Nikhil Chandrakant	Nckumbhar	Nckumbhar	Nckumbhar	Nckumbhar	Nckumbhar	Nckumbhar	Nckumbhar	Nckumbhar	Nckumbhar	Nckumbhar
3011	Latey Riya Ranjit	RLatey	RLatey	RLatey	RLatey	RLatey	RLatey	RLatey	RLatey	RLatey	RLatey
3012	Patil Manasi Arvind	MPatil	MPatil	MPatil	MPatil	MPatil	MPatil	MPatil	MPatil	MPatil	MPatil
3013	Patil Vedashri Sanjay	V.P	V.P	V.P	V.P	V.P	V.P	V.P	V.P	V.P	V.P



3014	Salunkhe Rutuja Krushnat	Q.	Q.	Q.	Q.	Q.	Q.	Q.	Q.	Q.	Q.
3015	Shinde Pranali Shankarrao	<u>PSS</u>	<u>PSS</u>	<u>PSS</u>	<u>PSS</u>	<u>PSS</u>	<u>PSS</u>	<u>PSS</u>	<u>PSS</u>	<u>PSS</u>	<u>PSS</u>
3016	Tate Utkarsha Vasant	<u>TV</u>	<u>TV</u>	<u>TV</u>	<u>TV</u>	<u>TV</u>	<u>TV</u>	<u>TV</u>	<u>TV</u>	<u>TV</u>	<u>TV</u>
3017	Thorat Shivam Dattatray	<u>S.</u>	<u>S.</u>	<u>S.</u>	<u>S.</u>	<u>S.</u>	<u>S.</u>	<u>S.</u>	<u>S.</u>	<u>S.</u>	<u>S.</u>
3018	Varpe Rutuja Shivaji	<u>RSV.</u>	<u>RSV.</u>	<u>RSV.</u>	<u>RSV.</u>	<u>RSV.</u>	<u>RSV.</u>	<u>RSV.</u>	<u>RSV.</u>	<u>RSV.</u>	<u>RSV.</u>
3019	Yadav Vaishnavi Prakash	<u>Vaishnavi</u>	<u>Vaishnavi</u>	<u>Vaishnavi</u>	<u>Vaishnavi</u>	<u>Vaishnavi</u>	<u>Vaishnavi</u>	<u>Vaishnavi</u>	<u>Vaishnavi</u>	<u>Vaishnavi</u>	<u>Vaishnavi</u>
3020	Mane Rugved	<u>Rugved</u>	<u>Rugved</u>	<u>Rugved</u>	<u>Rugved</u>	<u>Rugved</u>	<u>Rugved</u>	<u>Rugved</u>	<u>Rugved</u>	<u>Rugved</u>	<u>Rugved</u>



YASHWANTRAO CHAVAV COLLEGE OF SCIENCE, KARAD

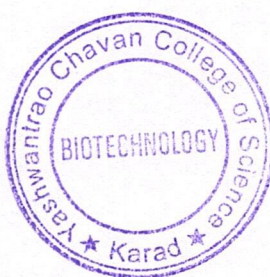
Department of Biotechnology

Short Term Course

"Certificate Course in Biological Databases in Computers"

Year 2023–2024

Sr.No.	Criteria	Excellent	Good	Average	Poor
1.	Curriculum Content	12	08	-	-
2.	Gratification about Lecture	15	05	-	-
3.	Gratification about Practical	17	03	-	-
4.	Hands on Training	20	-	-	-
5.	Knowledge get from the course	11	09	-	-
6.	The course if beneficial for Students and Parents	20	-	-	-



Estd.:

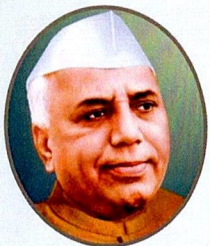
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Board for Higher Education's, Vidyanagar Karad's

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- An ISO 9001 : 2015 Certified College

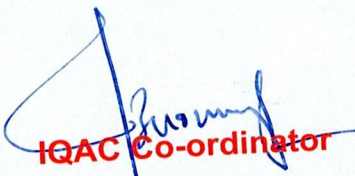


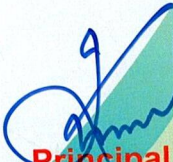
Short Term Course Certificate of Completion

This is to certify that Mr./Miss. Jadhav Isha Ravindra
of Class B.Sc II has Completed Short Term Course (3 Months) in Biological
Databases in Computers conducted by the department of
Biotechnology during the academic year 2023 - 2024


Course Co-ordinator


Head of the Department


IQAC Co-ordinator


Principal

Estd.:

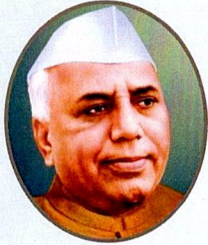
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This is to certify that Mr./Miss. Pawar Satehi Krunal
of Class B.Sc II has Completed Short Term Course (3 Months) in Biological
Databases in Computers conducted by the department of
Biotechnology during the academic year 2023 - 2024

Pati
Course Co-ordinator

[Signature]
Head of the Department

[Signature]
IQAC Co-ordinator

[Signature]
Principal

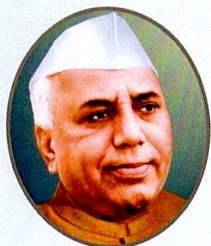
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This is to certify that Mr./Miss. Pawar Shreya Bapurao
of Class B.Sc II has Completed Short Term Course (3 Months) in Biological
Databases in Computers conducted by the department of
Biotechnology during the academic year 2023 - 2024

Patil
Course Co-ordinator

[Signature]
Head of the Department

[Signature]
IQAC Co-ordinator

[Signature]
Principal

Estd.:

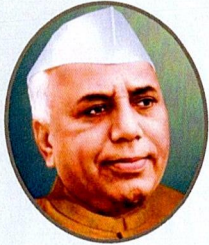
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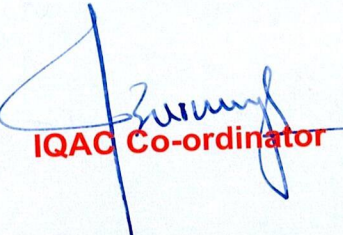


Short Term Course Certificate of Completion

This is to certify that Mr./Miss. Kadom Prathamesh Ashok
of Class B.Sc II has Completed Short Term Course (3 Months) in Biological
Databases in Computers conducted by the department of
Biotechnology during the academic year 2023 - 2024


Course Co-ordinator


Head of the Department


IQAC Co-ordinator


Principal

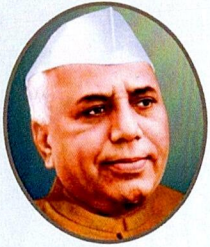
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This is to certify that Mr./Miss. Mutwalli Nabil Asif
of Class B.Sc. II has Completed Short Term Course (3 Months) in Biological
Databases in Computers conducted by the department of
Biotechnology during the academic year 2023 - 2024

Patil
Course Co-ordinator

[Signature]
Head of the Department

[Signature]
IQAC Co-ordinator

[Signature]
Principal

Estd.:

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This is to certify that Mr./Miss. Awale Tejaswini Nitin
of Class B.Sc II has Completed Short Term Course (3 Months) in Biological
Databases in Computers conducted by the department of
Biotechnology during the academic year 2023 - 2024

Rabi
Course Co-ordinator

[Signature]
Head of the Department

[Signature]
IQAC Co-ordinator

[Signature]
Principal

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This is to certify that Mr./Miss. Jadhav Pavan Vijay
of Class B.Sc II has Completed Short Term Course (3 Months) in Biological
Databases in Computers conducted by the department of
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Ratil
Course Co-ordinator

[Signature]
Head of the Department

[Signature]
IQAC Co-ordinator

[Signature]
Principal

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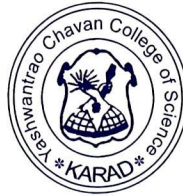
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This is to certify that Mr./Miss. Patil Anurata Vijaykumar
of Class B.Sc II has Completed Short Term Course (3 Months) in Biological
Databases in Computers conducted by the department of
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Course Co-ordinator


Head of the Department


IQAC Co-ordinator


Principal

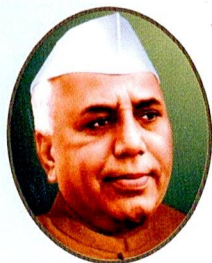
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This is to certify that Mr./Miss. Kumbhar Sejal Anil
of Class B.Sc II has Completed Short Term Course (3 Months) in Biological
Databases in Computers conducted by the department of
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Vatli
Course Co-ordinator

[Signature]
Head of the Department

[Signature]
IQAC Co-ordinator

[Signature]
Principal

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This is to certify that Mr./Miss. Parvate Rasika Sambhaji
of Class B.Sc II has Completed Short Term Course (3 Months) in Biological
Databases in Computers conducted by the department of
Biotechnology during the academic year 2023 - 2024


Course Co-ordinator


Head of the Department


IQAC Co-ordinator


Principal