

Estd



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



1958



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

CRITERION-I

CURRICULAR ASPECTS

1.3 CURRICULUM ENRICHMENT

1.3.2

Project Work Completion

Certificates

2022-23



Estd

1958



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



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Department of Biotechnology

(2324)

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.

DEPARTMENT OF BIOTECHNOLOGY

LABORATORY CERTIFICATE

This is to certify that **Miss. Nikam Akansha Ashok** has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur in practical course: project work for B.Sc. - III Biotechnology course (Opt) and his project work entitled "Isolation, Purification and Characterization of Bromelain enzyme from Pineapple" presents her bonafide work in B.Sc- III of the academic year 2022-2023

S.S.Nalawade
Mrs. S.S.Nalawade
PROJECT SUPERVISOR

M.Lape
EXAMINAR

S.S.Nalawade
CO-ORDINATOR

Course Co-ordinator
Department of Biotechnology



A handwritten signature in blue ink, appearing to be "A. S. Nalawade".

Principal
Yashwantrao Chavan College
of Science, Karad.



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.

DEPARTMENT OF BIOTECHNOLOGY

LABORATORY CERTIFICATE

This is to certify that **Miss. Patil Ankita Arun** has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur in practical course: project work for B.Sc. - III Biotechnology course (Opt) and his project work entitled "Production of Biodiesel from waste vegetable oil" presents her bonafide work in B.Sc- III of the academic year 2022-2023

S.S.Nalawade
Mrs. S.S.Nalawade
PROJECT SUPERVISOR

M. Patil
EXAMINAR

S.S.Nalawade
CO-ORDINATOR

Course Co-ordinator
Department of Biotechnology



Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.

DEPARTMENT OF BIOTECHNOLOGY

LABORATORY CERTIFICATE

This is to certify that **Miss. Jadhav Anushka Santosh** has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur in practical course: project work for B.Sc. - III Biotechnology course (Opt) and his project work entitled "Production of preservation of sugarcane juice" presents her bonafide work in B.Sc- III of the academic year 2022-2023

Patil
Mrs. V.R. Patil
PROJECT SUPERVISOR

M. Jape
EXAMINAR

S. N. K. Wade
CO-ORDINATOR

Course Co-ordinator
Department of Biotechnology



[Signature]
Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.

DEPARTMENT OF BIOTECHNOLOGY

LABORATORY CERTIFICATE

This is to certify that **Miss. Mujawar Arsh Amir** has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur in practical course: project work for B.Sc. - III Biotechnology course (Opt) and his project work entitled "Isolation and characterization of protease from Leguminous seeds" presents her bonafide work in B.Sc- III of the academic year 2022-2023

A.K. Kanase

Mrs. A.K.Kanase
PROJECT SUPERVISOR

M. Tulape

EXAMINAR

S.S. Nalawade

CO-ORDINATOR

Course Co-ordinator
Department of Biotechnology



[Signature]

Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.

DEPARTMENT OF BIOTECHNOLOGY

LABORATORY CERTIFICATE

This is to certify that **Miss. Pawar Gauri Sambhaji** has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur in practical course: project work for B.Sc. - III Biotechnology course (Opt) and his project work entitled "Therapeutic potential and antimicrobial effect of different species and leaf extract against various oral pathogens" presents her bonafide work in B.Sc- III of the academic year 2022-2023

A Kanase
Miss. A.K.Kanase
PROJECT SUPERVISOR

M. U. Tape
EXAMINAR

S. V. Kulkarni
CO-ORDINATOR

Course Co-ordinator
Department of Biotechnology



[Signature]
Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.

DEPARTMENT OF BIOTECHNOLOGY

LABORATORY CERTIFICATE

This is to certify that **Mr. Jadhav Omkar Sharad** has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur in practical course: project work for B.Sc. - III Biotechnology course (Opt) and his project work entitled "Selection of Biosurfactant bioemulsifier producing bacteria hydrocarbon petroleum contaminated soil " presents her bonafide work in B.Sc- III of the academic year 2022-2023

Patil
Mrs. V.R. Patil
PROJECT SUPERVISOR

M. V. Patil
EXAMINAR

S. N. Wade
CO-ORDINATOR

Course Co-ordinator
Department of Biotechnology




[Signature]
Principal
Yashwantrao Chavan College
of Science, Karad.

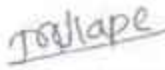
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.

DEPARTMENT OF BIOTECHNOLOGY

LABORATORY CERTIFICATE

This is to certify that **Miss. Shinde Pooja Dattatray** has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur in practical course: project work for B.Sc. - III Biotechnology course (Opt) and his project work entitled "Isolation and characterization of bacteria spot disease of citrus through biochemical approaches and its control measures" presents her bonafide work in B.Sc- III of the academic year 2022-2023


Mrs. V.R. Patil
PROJECT SUPERVISOR


EXAMINAR


CO-ORDINATOR

Course Co-ordinator
Department of Biotechnology




Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.

DEPARTMENT OF BIOTECHNOLOGY

LABORATORY CERTIFICATE

This is to certify that **Miss. Lade Piyusha Pravin** has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur in practical course: project work for B.Sc. - III Biotechnology course (Opt) and his project work entitled "Isolation and characterization of bacteria from solid waste and application in Bioremediation " presents her bonafide work in B.Sc- III of the academic year 2022-2023

Akanse.

Miss. A.K.Kanase
PROJECT SUPERVISOR

T. N. Lape

EXAMINAR

S. N. Lakade

CO-ORDINATOR

Course Co-ordinator
Department of Biotechnology



[Signature]

Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.

DEPARTMENT OF BIOTECHNOLOGY

LABORATORY CERTIFICATE

This is to certify that Miss. Vibhute Pranali Sayaji has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur in practical course: project work for B.Sc. - III Biotechnology course (Opt) and his project work entitled "Phytochemical analysis of some medicinal plants " presents her bonafide work in B.Sc- III of the academic year 2022-2023

A Kanse

Miss. A.K.Kanase
PROJECT SUPERVISOR

J. V. Kape

EXAMINAR

S. S. Kulkarni

CO-ORDINATOR

Course Co-ordinator
Department of Biotechnology



[Signature]

Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.
DEPARTMENT OF BIOTECHNOLOGY

LABORATORY CERTIFICATE

This is to certify that **Mr. jagdale Pranav Anandrao** has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur in practical course: project work for B.Sc. - III Biotechnology course (Opt) and his project work entitled "Symptomatical study on Xanthomonas Axonopodis Pv Punicae causing bacterial blight of Punica Granatum " presents her bonafide work in B.Sc- III of the academic year 2022-2023

S.S.Nalawade
Mrs. S.S.Nalawade
PROJECT SUPERVISOR

m. j. jagdale
EXAMINAR

S.S.Nalawade
CO-ORDINATOR

Course Co-ordinator
Department of Biotechnology



[Signature]
Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.

DEPARTMENT OF BIOTECHNOLOGY

LABORATORY CERTIFICATE

This is to certify that **Miss. Jadhav Rutuja Arun** has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur in practical course: project work for B.Sc. - III Biotechnology course (Opt) and his project work entitled "Recycling of tea waste for Extraction of caffeine" presents her bonafide work in B.Sc- III of the academic year 2022-2023

S.S.Nalawade

Mrs. S.S.Nalawade
PROJECT SUPERVISOR

Trulape

EXAMINAR

S.S.Nalawade

CO-ORDINATOR

Course Co-ordinator
Department of Biotechnology



[Signature]

Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.

DEPARTMENT OF BIOTECHNOLOGY

LABORATORY CERTIFICATE

This is to certify that **Miss. Mahanajan Sakshi Vinayak** has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur in practical course: project work for B.Sc. - III Biotechnology course (Opt) and his project work entitled "Production of alcohol from coconut fiber" presents her bonafide work in B.Sc- III of the academic year 2022-2023

Akanse

Miss. A.K.Kanase
PROJECT SUPERVISOR

Mulape

EXAMINAR

Sspalawade

CO-ORDINATOR

Course Co-ordinator
Department of Biotechnology



[Signature]


Principal
Yashwantrao Chavan College
of Science, Karad.


YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.


DEPARTMENT OF BIOTECHNOLOGY

LABORATORY CERTIFICATE

This is to certify that **Mr. Patil Sarthak Anandrao** has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur in practical course: project work for B.Sc. - III Biotechnology course (Opt) and his project work entitled "Antimicrobial activity in chicken egg white protein " presents her bonafide work in B.Sc- III of the academic year 2022-2023


Mrs. V.R.Patil
PROJECT SUPERVISOR


EXAMINAR


CO-ORDINATOR

Course Co-ordinator
Department of Biotechnology




Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.

DEPARTMENT OF BIOTECHNOLOGY

LABORATORY CERTIFICATE

This is to certify that **Mr. Thorat Shivtej Vishwajit** has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur in practical course: project work for B.Sc. - III Biotechnology course (Opt) and his project work entitled "Effective study of Bio-fertilizer on plant growth " presents her bonafide work in B.Sc- III of the academic year 2022-2023

Patil
Mrs. V.R.Patil
PROJECT SUPERVISOR

Mullape
EXAMINAR

S.N. Nair
CO-ORDINATOR
Course Co-ordinator
Department of Biotechnology




Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.


DEPARTMENT OF BIOTECHNOLOGY

LABORATORY CERTIFICATE

This is to certify that **Miss. Sawakhande Shreya Sidharth** has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur in practical course: project work for B.Sc. - III Biotechnology course (Opt) and his project work entitled "Amylase production on submerged fermentation by Bacillus spp " presents her bonafide work in B.Sc- III of the academic year 2022-2023


Mrs. V.R.Patil
PROJECT SUPERVISOR


EXAMINAR


CO-ORDINATOR

Course Co-ordinator
Department of Biotechnology




Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No: 3361

“One with the downtrodden and the under privileged”

ShivajiShikshanSanstha, Karad

SHIVAJI UNIVERSITY, KOLHAPUR

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE,
KARAD

CERTIFICATE

This is certified that **Mr. Jagdale Pranav Anandrao** of B.Sc.-III Biotechnology have successfully completed that the project on Entrepreneurship report in the year 2022-2023

S.S. Nalawade

Mrs. S.S. Nalawade

Project Guide

M. Mulape

Examiner

S.S. Nalawade

Course Coordinator

Course Co-ordinator
Department of Biotechnology



[Signature]

Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No: 3362

“One with the downtrodden and the under privileged”

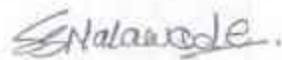
ShivajiShikshanSanstha, Karad

SHIVAJI UNIVERSITY, KOLHAPUR

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE,
KARAD

CERTIFICATE

This is certified that **Miss. Mujawar Arsh Amir** of B.Sc.-III Biotechnology have successfully completed that the project on Entrepreneurship report in the year 2022-2023



Mrs. S.S. Nalawade

Project Guide



Examiner



Course Coordinator

Course Co-ordinator
Department of Biotechnology





Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No: 3363

“One with the downtrodden and the under privileged”

ShivajiShikshanSanstha, Karad

SHIVAJI UNIVERSITY, KOLHAPUR

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE,

KARAD


CERTIFICATE

This is certified that Miss. Pawar Gauri Sambhaji of B.Sc.-III Biotechnology have successfully completed that the project on Entrepreneurship report in the year 2022-2023


Mrs. S.S. Nalawade

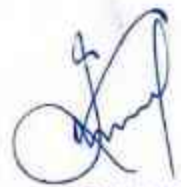
Project Guide


Examiner


Course Coordinator

Course Co-ordinator
Department of Biotechnology




Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No: 3364

“One with the downtrodden and the under privileged”

ShivajiShikshanSanstha, Karad

SHIVAJI UNIVERSITY, KOLHAPUR

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE,
KARAD

CERTIFICATE

This is certified that **Miss. Vibhute Pranali Sayali** of B.Sc.-III Biotechnology have successfully completed that the project on Entrepreneurship report in the year 2022-2023



Mrs. S.S. Nalawade

Project Guide



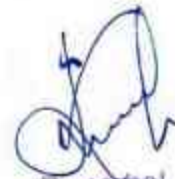
Examiner



Course Coordinator

Course Co-ordinator
Department of Biotechnology





Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No: 3365

“One with the downtrodden and the under privileged”

ShivajiShikshanSanstha, Karad

SHIVAJI UNIVERSITY, KOLHAPUR

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE,
KARAD

CERTIFICATE

This is certified that **Miss. Mahajan Sakshi Vinayakd** of B.Sc.-III Biotechnology have successfully completed that the project on Entrepreneurship report in the year 2022-2023

S.S. Nalawade

Mrs. S.S. Nalawade

Project Guide

Mulope

Examiner

S.S. Nalawade

Course Coordinator
Course Co-ordinator
Department of Biotechnology



[Signature]

Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No: 3366

“One with the downtrodden and the under privileged”

ShivajiShikshanSanstha, Karad


SHIVAJI UNIVERSITY, KOLHAPUR

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE,

KARAD

CERTIFICATE

This is certified that Miss. Jadhav Rutuja Arun of B.Sc.-III Biotechnology have successfully completed that the project on Entrepreneurship report in the year 2022-2023


Mrs. S.S. Nalawade


Project Guide


Examiner


Course Coordinator

Course Co-ordinator
Department of Biotechnology




Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No: 3367

“One with the downtrodden and the under privileged”

ShivajiShikshanSanstha, Karad

SHIVAJI UNIVERSITY, KOLHAPUR

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE,
KARAD

CERTIFICATE

This is certified that **Miss. Pooja Dattatray Shinde** of B.Sc.-III Biotechnology have successfully completed that the project on Entrepreneurship report in the year 2022-2023

S.S. Nalawade

Mrs. S.S. Nalawade

Project Guide

M. Uppe

Examiner



S.S. Nalawade

Course Coordinator
Course Co-ordinator
Department of Biotechnology



[Signature]
Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No: 3368

“One with the downtrodden and the under privileged”

ShivajiShikshanSanstha, Karad

SHIVAJI UNIVERSITY, KOLHAPUR

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE,
KARAD

CERTIFICATE

This is certified that **Miss. Anushka Santosh Jadhav** of B.Sc.-III Biotechnology have successfully completed that the project on Entrepreneurship report in the year 2022-2023



Mrs. S.S. Nalawade

Project Guide



Examiner





Course Coordinator
Course Co-ordinator
Department of Biotechnology




Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No: 3369

“One with the downtrodden and the under privileged”

ShivajiShikshanSanstha, Karad

SHIVAJI UNIVERSITY, KOLHAPUR

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE,
KARAD

CERTIFICATE

This is certified that **Miss. Shreya Sidhart Sawakhande** of B.Sc.-III
Biotechnology have successfully completed that the project on Entrepreneurship
report in the year 2022-2023

S. Nalawade

Mrs. S.S. Nalawade

Project Guide

Molape

Examiner

S. Nalawade

Course Coordinator

Course Co-ordinator
Department of Biotechnology



[Signature]

Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No: 3370

“One with the downtrodden and the under privileged”

ShivajiShikshanSanstha, Karad

SHIVAJI UNIVERSITY, KOLHAPUR

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE,

KARAD

CERTIFICATE

This is certified that **Mr. Thorat Shivtej Vishwajit** of B.Sc.-III Biotechnology have successfully completed that the project on Entrepreneurship report in the year 2022-2023


Mrs. S.S. Nalawade

Project Guide


Examiner


Course Coordinator

Course Co-ordinator
Department of Biotechnology




Principal
Yashwantrao Chavan College
of Science.

Roll No: 3371

“One with the downtrodden and the under privileged”

ShivajiShikshanSanstha, Karad

SHIVAJI UNIVERSITY, KOLHAPUR

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE,
KARAD

CERTIFICATE

This is certified that **Miss. Piyusha Pravin Lade** of B.Sc.-III Biotechnology have successfully completed that the project on Entrepreneurship report in the year 2022-2023

S.S. Nalawade

Mrs. S.S. Nalawade

Project Guide

M. Mukape

Examiner

S.S. Nalawade

Course Coordinator
Course Co-ordinator
Department of Biotechnology



[Signature]

Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No: 3372

“One with the downtrodden and the under privileged”

ShivajiShikshanSanstha, Karad

SHIVAJI UNIVERSITY, KOLHAPUR

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE,

KARAD

CERTIFICATE

This is certified that **MISS. Patil Ankita Arun** of B.Sc.-III Biotechnology have successfully completed that the project on Entrepreneurship report in the year 2022-2023

S.S. Nalawade

Mrs. S.S. Nalawade

Project Guide

M. Ulope

Examiner



S.S. Nalawade

Course Coordinator

Course Co-ordinator
Department of Biotechnology

[Signature]

Principal

Yashwantrao Chavan College
of Science, Karad.



Roll No: 3373

“One with the downtrodden and the under privileged”

ShivajiShikshanSanstha, Karad

SHIVAJI UNIVERSITY, KOLHAPUR

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE,
KARAD

CERTIFICATE

This is certified that **Mr. Patil Sarthak Anandrao** of B.Sc.-III Biotechnology have successfully completed that the project on Entrepreneurship report in the year 2022-2023

S.Nalawade

Mrs. S.S. Nalawade

Project Guide

mukape

Examiner

S.Nalawade

Course Coordinator

Course Co-ordinator
Department of Biotechnology



[Signature]

Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No: 3374

“One with the downtrodden and the under privileged”

ShivajiShikshanSanstha, Karad

SHIVAJI UNIVERSITY, KOLHAPUR

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE,

KARAD

CERTIFICATE

This is certified that **Miss. Nikam Akansha ASHOK** of B.Sc.-III Biotechnology have successfully completed that the project on Entrepreneurship report in the year 2022-2023

SSNalawade

Mrs. S.S. Nalawade

Project Guide

Molape

Examiner



SSNalawade

Course Coordinator
Course Co-ordinator
Department of Biotechnology



[Signature]
Principal
Yashwantrao Chavan College
of Science, Karad.

Estd

1958



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



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Department of Microbiology

(205)

Roll No: 5001

Exam Seat NO: 04199

Date: 27/8/2023

Shri Shivaji Education Society, Karad
Board for Higher Education

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.

Department of Microbiology

LABORATORY CERTIFICATE

This is to certify that Miss. Shrutika Umesh Ayare has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur, in Practical course VIII: Project work. for M. Sc. Part II (Semester IV) Microbiology course and her project work entitled **"ISOLATION AND CHARACTERISATION OF NON-SYMBIOTIC NITROGEN FIXING BACTERIAL ISOLATE FROM PADDY SOIL"** represents her bonafide work in the M. Sc. Part-II (Semester IV) of the academic year 2022-2023.



Project Supervisor



Examiner



HEAD
DEPARTMENT OF MICROBIOLOGY
Department of Microbiology



Principal

Yashwantrao Chavan College of Science, Karad.

Roll No : - 5003

Date: - 27/10/2023

Exam Seat No: -

Shri Shivaji Education Society


Board for Higher Education's

Yashwantrao Chavan College of Science, Karad.


Department of Microbiology

LABORATORY CERTIFICATE

This is to certify that **Mr. Prashant Navnath Budhawale** has carried out the require project work prescribed by the Shivaji University, Kolhapur in PRACTICAL COURSE VIII: Project Work for the M.Sc. Part II(Semester- IV) Microbiology Course and this PROJECT REPORT entitled "**ISOLATION, CHARACTERIZATION AND IDENTIFICATION OF ENDOLITHIC BACTERIA FROM A ROCK OF KHOADSHI DAM AND TESTING ITS ANTIMICROBIAL POTENTIAL**" represents his work in the M. Sc. Part II (Semester-IV) class of the academic year 2022-23



PROJECT GUIDE



Principal

Yashwantrao Chavan College
of Science, Karad.



HEAD



DEPARTMENT OF MICROBIOLOGY

HEAD
DEPARTMENT OF MICROBIOLOGY

Roll No : - 5004

Date: 27/06/2023

Exam Seat No: -

Shri Shivaji Education Society

Board for Higher Education's

Yashwantrao Chavan College of Science, Karad.

Department of Microbiology

LABORATORY CERTIFICATE

This is to certify that **Miss Gayatri Shivanand Chavan** has carried out the require project work prescribed by the Shivaji University, Kolhapur in PRACTICAL COURSE VIII: Project Work for the M.Sc. Part II (Semester- IV) Microbiology Course and this PROJECT REPORT entitled "**ISOLATION CHARACTERIZATION SCREENING OF CELLULOSE DEGRADING BACTERIA AND OPTIMIZATION OF CELLULASE ENZYME**" represents her work in the M. Sc. Part II (Semester-IV) class of the academic year 2022-23.



Project guide

Principal
Yashwantrao Chavan College,
Examinee, Karad.

Head



Department of Microbiology
HEAD
DEPARTMENT OF MICROBIOLOGY

Roll No:-5006

Date: 28-06-2023

Exam Seat No. 04203

Shri Shivaji Education Society, Karad

Board for Higher Education

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

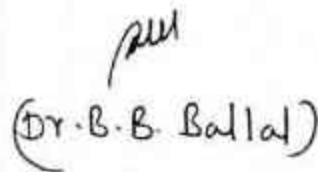
Department of Microbiology

LABORATORY CERTIFICATE

This is to certify that **Mr. Prasad Bajarang Hasole** has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur, in Practical course VIII: Project work for M.Sc. Part II (Semester IV) Microbiology course and his project work entitled "Isolation and characterization of 2, 4 Dichlorohydroxyacetic acid degrading bacteria from sugarcane soil" represents his work in the M.Sc. Part-II (Semester-IV) of the academic year 2022-2023.



Project Supervisor



(Dr. B. B. Ballal)



HEAD
DEPARTMENT OF MICROBIOLOGY
Department of Microbiology



Principal
Yashwantrao Chavan College
of Science, Karad.



ROLL NO :- 5005

Date- 28/06/23

EXAM NO :- 4206

Shri Shivaji Education Society', Karad

Board for Higher Education's

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.

DEPARTMENT OF MICROBIOLOGY

LABORATORY CERTIFICATE


This is to certify that Miss. Etam Pranjal Prakash has satisfactorily carried out the required Project work prescribed by the Shivaji University, Kolhapur in PRACTICAL COURSE VIII: Project Work for the M.Sc. Part-II Semester IV Microbiology Course and her PROJECT REPORT entitled in "ISOLATION, IDENTIFICATION AND CHARACTERIZATION OF PROBIOTIC BACTERIA FROM RASTRELIGUER KANAGURTA (INDIAN MACKREAL) represents her bonifires work in M .Sc Part-II (Semester-IV) of academic year 2022- 2023


Miss. K.A. Yadav
Project Supervisor


Examiner


HEAD
DEPARTMENT OF MICROBIOLOGY
Head of Microbiology







Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No:-5008

Date: 28/06/2023

Exam Seat No.:

Shri Shivaji Education Society, Karad

Board for Higher Education

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Department of Microbiology

LABORATORY CERTIFICATE

This is to certify that **Mr. Darshan Dadasaheb Ingale** has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur, in Practical course VIII: Project work for M.Sc. Part II (Semester IV) Microbiology course and his project work entitled "**Isolation and characterization of diesel Engine Oil Degrading Bacteria from Garage Soil**" represents his bonafide work in the M.Sc. Part-II (Semester-IV) of the academic year 2022-2023.



Project Supervisor



Principal

Yashwantrao Chavan College
of Science, Karad.



Head

Department of Microbiology

HEAD

DEPARTMENT OF MICROBIOLOGY



Roll No : - 5011

Date: - 28 / 6 / 2023

Exam Seat No : - 4213

Shri Shivaji Education Society

Board for Higher Education's

Yashwantrao Chavan College of Science, Karad.

Department of Microbiology

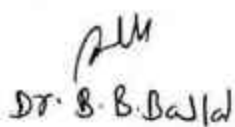
LABORATORY CERTIFICATE

This is certify that **Miss. Mayuri Ananda Kambale** has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur in **PRACTICAL COURSE VIII**: project work for the M.Sc. part-II (Semester-IV) Microbiology course and his **PROJECT REPORT** entitled **"ISOLATION AND CHARACTERISATION OF NAPHTHALENE DEGRADING BACTERIA FROM GARAGE SOIL"** represents her bonafide work in the M.Sc. Part-II (Semester-IV) of the academic year 2022-2023.



Dr. J. U. Patil

PROJECT GUIDE



Examiner



**HEAD
HEAD**

**DEPARTMENT OF MICROBIOLOGY
DEPARTMENT OF MICROBIOLOGY**



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

Roll No: 5012

Date: 27-06-2023

Exam Seat No: 4214

Shri Shivaji Education Society, Karad
Board for Higher Education

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.

Department of Microbiology

LABORATORY CERTIFICATE

This is to certify that **Miss. Arundhati Avinash Kamble** has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur, in Practical course VIII: Project work for M. Sc. Part II (Semester IV) Microbiology course and her project work entitled "**Isolation and characterization of potassium solubilizing bacteria from the paddy field of Saidapur, Karad**" represents her bonafide work in the M. Sc. Part-II (Semester-IV) of the academic year 2022-2023.



Project Supervisor



Examiner


HEAD
DEPARTMENT OF MICROBIOLOGY
Department of Microbiology
Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No:-5013

Date: 27-06-2023

Exam Seat No. 04217

Shri Shivaji Education Society, Karad

Board for Higher Education

**YASHWANTRAO CHAVAN COLLEGE OF SCIENCE,
KARAD**

Department of Microbiology

LABORATORY CERTIFICATE

This is to certify that **Ms. Radhika Rahul Kavade** has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur, in Practical course VIII: Project work for M.Sc. Part II (Semester IV) Microbiology course and her project work entitled "Isolation and Characterization of Amylase Producing Bacteria from soil from *Cajanus cajan* plant" represents her bonafide work in the M.Sc. Part-II (Semester-IV) of the academic year 2022-2023.


Project Supervisor


Examiner


HEAD
DEPARTMENT OF MICROBIOLOGY,
Department of Microbiology




Principal
Yashwantrao Chavan College
of Science

Roll No : - 5014

Date: - 27/ 6 /2023

Exam Seat No : - 4195

Shri Shivaji Education Society

Board for Higher Education's

Yashwantrao Chavan College of Science, Karad.

Department of Microbiology

LABORATORY CERTIFICATE

This is certify that **Mr. Kharat Samadhan Anil** has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur in **PRACTICAL COURSE VIII**: project work for the M.Sc. part-II (Semester-IV) Microbiology course and his **PROJECT REPORT** entitled "**Isolation and Characterization of Bacterial blight disease causing pathogen from Pomegranate fruits**" represents his bonafide work in the M.Sc. Part-II (Semester-IV) of the academic year 2022-2023



PROJECT GUIDE



HEAD

DEPARTMENT OF MICROBIOLOGY

HEAD

DEPARTMENT OF MICROBIOLOGY



Principal

Yashwantrao Chavan College
of Science, Karad.

Roll No :- 5015

Date: - 28 / 06 / 2023

Exam Seat No : - 04220

Shri Shivaji Education Society
Board for Higher Education's
Yashwantrao Chavan College of Science, Karad.

Department of Microbiology
LABORATORY CERTIFICATE

This is to certify that **Miss. Pratiksha Mahipati Magadum** has carried out the require project work prescribed by the Shivaji University, Kolhapur in PRACTICAL COURSE VIII: Project Work for the M.Sc. Part II (Semester- IV) Microbiology Course and this PROJECT REPORT entitled "**ISOLATION AND CHARACTERIZATION OF EXOPOLYSACCHARIDE PRODUCING BACTERIA FROM SUGARCANE FIELD SOIL**" represents her work in the M. Sc.Part II (Semester-IV) class of the academic year 2022-23.


Dr. J. U. Patil

PROJECT GUIDE


EXAMINER


HEAD

DEPARTMENT OF MICROBIOLOGY
DEPARTMENT OF MICROBIOLOGY





Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No :- 5017

Date: - 28/10/2023

Exam Seat No :-

Shri Shivaji Education Society
Board for Higher Education's
Yashwantrao Chavan College of Science, Karad.

Department of Microbiology
LABORATORY CERTIFICATE

This is to certify that **Miss. Swapnali Madhukar Mali**, has carried out the require project work prescribed by the Shivaji University, Kolhapur in PRACTICAL COURSE VIII: Project Work for the M.Sc. Part II (Semester- IV) Microbiology Course and this PROJECT REPORT entitled "**To Synthesize The Silver Nanoparticles By Using *Psidium Guajava* (Guava) Peel And Plant Leaf Extract And Observe Its Antimicrobial Activity And Its Applications.** Represents her work in the M. Sc. Part II (Semester-IV) class of the academic year 2022-23




PROJECT GUIDE



HEAD



DEPARTMENT OF MICROBIOLOGY
HEAD
DEPARTMENT OF MICROBIOLOGY



2

Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No : - 5018

Date: - 28 / 06 / 2023

Exam Seat No : - 04224

Shri Shivaji Education Society
Board for Higher Education's
Yashwantrao Chavan College of Science, Karad.

Department of Microbiology
LABORATORY CERTIFICATE

This is to certify that **Mrs. Ayesha Musa Mulani** has carried out the require project work prescribed by the Shivaji University, Kolhapur in PRACTICAL COURSE VIII: Project Work for the M.Sc. Part II (Semester- IV) Microbiology Course and this PROJECT REPORT entitled "**ISOLATION AND CHARACTERIZATION OF PECTINASE FROM PECTINOLYTIC BACTERIA**" represents her work in the M. Sc. Part II (Semester-IV) class of the academic year 2022-23.



Dr. J. U. Patil

PROJECT GUIDE



EXAMINER



HEAD

DEPARTMENT OF MICROBIOLOGY
DEPARTMENT OF MICROBIOLOGY



Principal
Yashwantrao Chavan College
of Science, Karad



ROLL NO: 5019

Date: 28/6/2023

EXAM SEAT NO: 4226

Shri Shivaji Education Society, Karad

Board of Higher Education's

Yashwantrao Chavan College of Science, Karad

Department of Microbiology

Laboratory Certificate

This is to certify that **MISS. SHIVANI DILIP NAGANE** has satisfactorily carried out the required project work prescribed by Shivaji University, Kolhapur in Practical Course -VIII: project work for M.Sc. II (Semester IV) Microbiology course & her project report entitled "**SCREENING OF ZINC SOLUBILIZING BACTERIA FROM SOIL**" represents her work in M.Sc. II (semester IV) class of academic year 2022-2023.



Project Guide



Examiner



HEAD
DEPARTMENT OF MICROBIOLOGY
Head of Department



Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No: - 5020

Date: 28/06/23

Exam Seat No. 04429

Shri Shivaji Education Society, Karad

Board for Higher Education

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Department of Microbiology

LABORATORY CERTIFICATE

This is to certify that **Mr. Abhay Bajirao Patil** has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur, in Practical course VIII: Project work for M.Sc. Part II (Semester IV) Microbiology course and his project work entitled "**Isolation and Characterization of lead resistance bacteria and it's potential for bioremediation of contaminated soil**" represents his bonafide work in the M.Sc. Part-II (Semester-IV) of the academic year 2022-2023.



Project Supervisor


Examiner


HEAD
DEPARTMENT OF MICROBIOLOGY

Department of Microbiology





Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No: 5021

Date: 25/06/2023

Exam Seat No: 04230

Shri. Shivaji Education Society, Karad
Board for Higher Education

**YASHWANTRAO CHAVAN COLLEGE OF SCIENCE,
KARAD**

Department of Microbiology

LABORATORY CERTIFICATE

This is to certify that Ms. Pragati Sanjay Patil has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur, in Practical course VIII; Project work for M.Sc. Part II (Semester IV) Microbiology course and her project work entitled "Isolation and Characterization of Amylase Producing Bacteria from Sugarcane Field and studies on their Amylase" represents her bonafide work in the M.Sc. Part-II (Semester-IV) of the academic year 2022-2023.



Project Supervisor



Examiner



Head
HEAD

DEPARTMENT OF MICROBIOLOGY



Principal
Yashwantrao Chavan College
of Science, Karad.

ROLL NO:- 5022

DATE:- 28/05/2023

EXAM SEAT NO:- 4231

Shri Shivaji Education Society, Karad
Board For Higher Education's

Yashwantrao Chavan College of Science Karad.
Department of Microbiology.

Laboratory certificate

This is to certify that Miss **Priyanka Shrikant Patil** has carried out the required project work prescribed by the Shivaji University, Kolhapur in Practical Course VIII: Project work for M.Sc. Part II (Semester IV) Microbiology course and her Project Work entitled as "**Studies on Isolation and characterization of dye degrading bacteria from river water**" represents her work in the M.Sc. II (Semester-IV) of the academic year 2022-2023.



Project Guide

Examiner

HEAD
DEPARTMENT OF MICROBIOLOGY
Head of Department



Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No : - 5023

Date: 29/6/2023

Exam Seat No: - 04239

Shri Shivaji Education Society

Board for Higher Education's

Yashwantrao Chavan College of Science, Karad.

Department of Microbiology

LABORATORY CERTIFICATE

This is to certify that **Miss. Tanjum Ibrahim Satarmaker** has carried out the require project work prescribed by the Shivaji University, Kolhapur in PRACTICAL COURSE VIII: Project Work for the M.Sc. Part II (Semester- IV) Microbiology Course and this PROJECT REPORT entitled "ISOLATION CHARACTERIZATION SCREENING OF CELLULOSE DEGRADING BACTERIA FROM RHIZOSPHERIC SOIL OF *Cajanus cajan* AND OPTIMIZATION OF CELLULASE ENZYME" represents her work in the M. Sc. Part II (Semester-IV) class of the academic year 2022-23.





Project guide



Examiner



Head



HEAD
Department of Microbiology



Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No : - 5023

Date:- // 2023

Exam Seat No: -

Shri Shivaji Education Society

Board for Higher Education's

Yashwantrao Chavan College of Science, Karad.

Department of Microbiology

LABORATORY CERTIFICATE

This is to certify that **Miss. Tanjum Ibrahim Satarmaker** has carried out the require project work prescribed by the Shivaji University, Kolhapur in PRACTICAL COURSE VIII: Project Work for the M.Sc. Part II (Semester- IV) Microbiology Course and this PROJECT REPORT entitled "**ISOLATION CHARACTERIZATION SCREENING OF CELLULOSE DEGRADING BACTERIA FROM RHIZOSPHERIC SOIL OF *Cajanus cajan* AND OPTIMIZATION OF CELLULASE ENZYME**" represents her work in the M. Sc. Part II (Semester-IV) class of the academic year 2022-23.

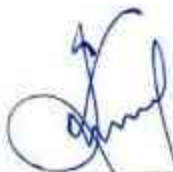

Project guide



Examiner


Head





Department of Microbiology
HEAD
DEPARTMENT OF MICROBIOLOGY

Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No: 5024

Date: 27-6-23

Exam Seat No: 04241

Shri Shivaji Education Society, Karad

Board for Higher Education

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Department of Microbiology

LABORATORY CERTIFICATE

This is to certify that **Miss. Tejaswini Subhash Shinde** has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur, in Practical course VIII: Project work for M. Sc. Part II (Semester IV) Microbiology course and her project work entitled **“Isolation of siderophore producing bacteria from soil sample”** represents her bonafide work in the M. Sc. Part-II (Semester IV) of the academic year 2022-2023.



Project Supervisor



Examiner



HEAD
DEPARTMENT OF MICROBIOLOGY
Department of Microbiology



Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No: -5025

Date: 27/6/2023

Exam Seat No: 04242


Shri Shivaji Education Society, Karad
Board for Higher Education

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.

Department of Microbiology

LABORATORY CERTIFICATE


This is to certify that **Miss. Yukta Yuvraj Shinde** has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur. in Practical course VIII: Project work. for M.Sc. Part II (Semester IV) Microbiology course and her project work entitled "**Isolation and Characterization of Detergent Degrading Bacteria**" represents her bonafide work in the M.Sc. Part-II (Semester-IV) of the academic year 2022-2023.


Assi.Prof. K. A. Yadav
Project Supervisor


Examiner


HEAD
DEPARTMENT OF MICROBIOLOGY
Department of Microbiology




Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No:-5026

Date: 23/06/23

Exam Seat No: 04245

Shri Shivaji Education Society, Karad


Board for Higher Education

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.


Department of Microbiology

LABORATORY CERTIFICATE


This is to certify that Miss Wategaonkar Swapnali Nivrutti has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur, in Practical course VIII: Project work. for M.Sc. Part II (Semester IV) Microbiology course and his project work entitled "ISOLATION AND CHARACTERISATION OF POLYHYDROXYBUTARATE (PHB) PRODUCING MICROORGANISM ISOLATED FROM AGRICULTURAL WASTE" represents his bonafide work in the M.Sc. Part-II (Semester-IV) of the academic year 2022-2023.


Prof. J.U. Patil
Project supervisor


Examiner


HEAD
DEPARTMENT OF MICROBIOLOGY




Principal
Yashwantrao Chavan College
of Science, Karad.

ROLL NO.:- 5028.

DATE:- 27/6/2023

EXAM NO.:- 4198

Shri. Shivaji Education Society, Karad
Board For Higher Education's
Yashwantrao Chavan College of Science, Karad

Department of Microbiology.

Laboratory certificate


This is to certify that **Miss. Vaibhavi Sagar Ambale** has satisfactory carried out the required project work prescribed by the Shivaji University, Kolhapur in Practical Course VIII: Project work for M.Sc. Part II (Semester IV) Microbiology course and her Project Work entitled as "**Studies on Phorate degrading bacteria from sugarcane field**" represents her work in the M.Sc. II (Semester-IV) of the academic year 2022 - 2023.


Project Guide


Examiner


HEAD
DEPARTMENT OF MICROBIOLOGY




Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No : - 5029

Date: - 27/06/ 2023

Exam Seat No : -04200

Shri Shivaji Education Society, Karad

Board for Higher Education

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.

Department of Microbiology

LABORATORY CERTIFICATE

This is to certify that **Mr. Belekar Prasad Vishwanath** has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur, in Practical course VIII: Project work, for M.Sc. Part II (Semester IV) Microbiology course and his project work entitled **"Isolation, Characterization And Screening Of Amino Acid Producing Bacteria From Cow Dung"** represents his bonafide work in the M.Sc. Part-II (Semester-IV) of the academic year 2022-2023.



Dr. J. U. Patil

Project Supervisor



Dr. B. B. Ballal
Examiner



Dr. J. U. Patil

HEAD

DEPARTMENT OF MICROBIOLOGY
Department of Microbiology



Principal

Yashwantrao Chavan College
of Science, Karad.

Roll No: 5030

Date: 28-6-23

Exam Seat No: 04204

Shri Shivaji Education Society, Karad

Board for Higher Education

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.

Department of Microbiology

LABORATORY CERTIFICATE

This is to certify that Mr. Omkar Shashikant Chougale, has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur, in Practical course VIII: Project work. for M.Sc. Part II (Semester IV) Microbiology course and his project work entitled “Isolation and Characterisation of Endolithic bacteria from rock of Sadashiv Gad, Ogalewadi” represents his bonafide work in the M.Sc. Part-II (Semester IV) of the academic year 2022-2023.



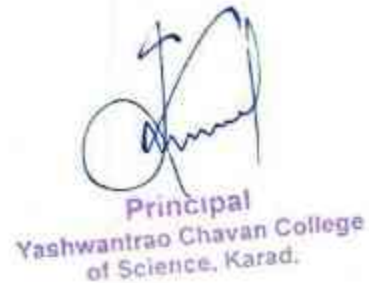
Project Supervisor



Examiner



HEAD
DEPARTMENT OF MICROBIOLOGY
Department of Microbiology



Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No : 5031


Date : 18/6/2023

Seat No : 04205

Shri Shivaji Education Society , Karad
Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE,
VIDYANAGAR , KARAD
DEPARTMENT OF MICROBIOLOGY

Laboratory Certificate


This is to certify that **Miss. Manasi Naresh Deshmukh** has carried out the required project work prescribed by the Shivaji University, Kolhapur in Practical Course VIII : Project Work for M.Sc Part II (Semester IV) Microbiology course and her Project Work entitled as **"Isolation, Identification and Characterisation of Paint Degrading Bacteria from Wall Scrappings"** represents her work in the M.Sc II (Semester IV) of the academic year 2022 – 2023.


Dr. J. U. Patil
Project Guide


Examiner


HEAD
DEPARTMENT OF MICROBIOLOGY,
Department of Microbiology




Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No:-5032

Date: 27/06/2023

Exam Seat No:- 04194

Shri Shivaji Education Society, Karad
Board for Higher Education

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Department of Microbiology

LABORATORY CERTIFICATE

This is to certify that **Miss. Monali Anil Gholap** has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur, in Practical course VIII: Project work for M.Sc. Part II (Semester IV) Microbiology course and her project work entitled "**Isolation and Characterization of Invertase Producing Yeast from Sugarcane and Grapes Juice**" represents her bonafide work in the M.Sc. Part-II (Semester-IV) of the academic year 2022-2023.


Project Supervisor


Examiner


Head
DEPARTMENT OF MICROBIOLOGY
Department of Microbiology




Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No:-5035

Date: 28/6/2023

Exam Seat No:- 04216

Shri Shivaji Education Society, Karad

Board for Higher Education

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Department of Microbiology

LABORATORY CERTIFICATE


This is to certify that Miss. MRUNALI BABURAV KAMBLE has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur, in Practical course VIII: Project work for M.Sc. Part II (Semester IV) Microbiology course and her project work entitled "ISOLATION AND CHARACTERIZATION OF BIOSURFACTANT PRODUCING BACTERIA FROM GARAGE SOIL" represents her bonafide work in the M.Sc. Part-II (Semester-IV) of the academic year 2022-2023.


Project Supervisor


Examiner


HEAD
DEPARTMENT OF MICROBIOLOGY
Head of Microbiology




Principal
Yashwantrao Chavan College
Of Science, Karad

Exam Seat No: 4236

Date: 22/06/2023

Roll No: 5047

Shri Shivaji Education Society, Karad

Board for Higher Education's

Yashwantrao Chavan College of Science, Karad

Department Of Microbiology

LABORATORY CERTIFICATE

This to certify that Miss. **SNEHA SANJAY RAJEGAONKAR** has satisfactory carried out the required project work prescribed by Shivaji University, Kolhapur in PRACTICAL COURSE-VIII PROJECT WORK for the M.Sc. Part-II (SEMESTER-IV) Microbiology course and her PROJECT REPORT entitled "ISOLATION AND CHARACTERIZATION OF GIBBERELIC ACID PRODUCING BACTERIA " represents her work in the M.Sc. Part-II (SEMESTER IV) class of the academic year 2022-2023.



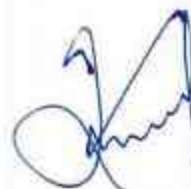
Project Guide



Examiner



HEAD
DEPARTMENT OF MICROBIOLOGY
Head of Department



Principal
Yashwantrao Chavan College
of Science, Karad

Roll No:-5037

Date: 27/6/2023

Exam Seat No: 04219


Shri Shivaji Education Society, Karad
Board for Higher Education


YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.


Department of Microbiology

LABORATORY CERTIFICATE

This is to certify that **Mr. Viresh Vijay Kumbhar** has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur, in Practical course VIII: Project work, for M.Sc. Part II (Semester IV) Microbiology course and his project work entitled "**Effect of Electromagnetic Radiation of Mobile Waves on Growth of Microorganisms**" represents his bonafide work in the M.Sc. Part-II (Semester-IV) of the academic year 2022-2023.


Asst.Prof. Miss K. A. Yadav
Project Supervisor


Examiner


NEAD
DEPARTMENT OF MICROBIOLOGY
Department of Microbiology




Principal

Yashwantrao Chavan College
of Science, Karad

Roll No : - 5038

Date: - 28/06/2023

Exam Seat No : - 4223

Shri Shivaji Education Society

Board for Higher Education's

Yashwantrao Chavan College of Science, Karad.

Department of Microbiology

LABORATORY CERTIFICATE

This is to certify that **Miss. Mujawar Aiman Tanveer** has carried out the require project work prescribed by the Shivaji University, Kolhapur in PRACTICAL COURSE VIII: Project Work for the M.Sc. Part II (Semester-IV) Microbiology Course and this PROJECT REPORT entitled " **ISOLATION, IDENTIFICATION AND CHARACTERIZATION OF OIL DEGRADING BACTERIA FROM SOIL SAMPLE AND PHOSPHATE SOLUBLIZING AND EXOPOLYSACCHARID PRODUCING ASSAY** represents her work in the M. Sc. Part II (Semester-IV) class of the academic year 2022-23



PROJECT GUIDE



EXAMINER



HEAD
DEPARTMENT OF MICROBIOLOGY



Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No:-5039

Date: 28/06/2023

Exam Seat No. - 04-225

Shri Shivaji Education Society, Karad
Board for Higher Education

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Department of Microbiology

LABORATORY CERTIFICATE

This is to certify that **Mr. Rameshwar Balaji Munde** has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur, in Practical course VIII: Project work for M.Sc. Part II (Semester IV) Microbiology course and his project work entitled "**Primary Screening of 2, 4-diacetyl Phloroglucinol Producing Bacteria from Rhizospheric soil of Rice in Saidapur, Karad**" represents his bonafide work in the M.Sc. Part-II (Semester-IV) of the academic year 2022-2023.


Project Supervisor


Examinee


HEAD
DEPARTMENT OF MICROBIOLOGY
Department of Microbiology




Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No: 5041

Date: 27/06/2023

Exam Seat No :04227

Shri Shivaji Education Society, Karad


Board for Higher Education

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.


Department of Microbiology

LABORATORY CERTIFICATE


This is to certify that Miss. Naikwadi Fiza Aftab has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur, in Practical course VIII: Project work for M.Sc. Part II (Semester IV) Microbiology course and his project work entitled "**Isolation and characterization of lipase and protease producing bacteria**" represents his bonafide work in the M.Sc. Part-II (Semester-IV) of the academic year 2022-2023.


Asst. Prof. Miss K. A. Yadav
Project Supervisor


Examiner


Head
Department of Microbiology
DEPARTMENT OF MICROBIOLOGY




Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No :- 5042

Date: - 04/07/2023

Exam Seat No: - 04228

Shri Shivaji Education Society

Board for Higher Education's

Yashwantrao Chavan College of Science, Karad.

Department of Microbiology

LABORATORY CERTIFICATE

This is to certify that **Mr. Rushikesh Anil Nangare** has carried out the require project work prescribed by the Shivaji University, Kolhapur in PRACTICAL COURSE VIII: Project Work for the M.Sc. Part II (Semester-IV) Microbiology Course and this PROJECT REPORT entitled "**ISOLATION, IDENTIFICATION AND CHARACTERIZATION OF PIGMENT PRODUCING BACTERIA FROM STAGNANT WATER AND THEIR ANTIMICROBIAL POTENTIAL**" represents his work in the M. Sc. Part II (Semester-IV) class of the academic year 2022-23.



Dr. J. U. Patil

PROJECT GUIDE



**HEAD
HEAD**

DEPARTMENT OF MICROBIOLOGY



EXAMINER



Principal
Yashwantrao Chavan College of Science, Karad.

Roll No : - 5043

Date: ²⁶/₇/2023

Exam Seat No : 04232

Shri Shivaji Education Society

Board for Higher Education's

Yashwantrao Chavan College of Science, Karad.

Department of Microbiology

LABORATORY CERTIFICATE

This is to certify that **Miss. Rajnandini Rangarao Patil** has carried out the require project work prescribed by the Shivaji University, Kolhapur in PRACTICAL COURSE VIII: Project Work for the M.Sc. Part II (Semester- IV) Microbiology Course and this PROJECT REPORT entitled "**BIOSYNTHESIS OF SILVER NANOPARTICLES BY MICROORGANISMS ISOLATED FROM JEWELRY WASTE**" represents her work in the M. Sc. Part II (Semester-IV) class of the academic year 2022-23.



PROJECT GUIDE



EXAMINER



HEAD
DEPARTMENT OF MICROBIOLOGY
DEPARTMENT OF MICROBIOLOGY



Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No :- 5044

Date: - 04/07/2023

Exam Seat No :- 4238

Shri Shivaji Education Society

Board for Higher Education's

Yashwantrao Chavan College of Science, Karad.

Department of Microbiology

LABORATORY CERTIFICATE

This is to certify that **Miss. Saloni Mahesh Patil**, has carried out the require project work prescribed by the Shivaji University, Kolhapur in PRACTICAL COURSE VIII: Project Work for the M.Sc. Part II (Semester-IV) Microbiology Course and this PROJECT REPORT entitled "**ISOLATION AND CHARACTERIZATION OF PIGMENT PRODUCING BACTERIA FROM GARDEN SOIL AND THEIR APPLICATION**" represents his work in the M. Sc. Part II (Semester-IV) class of the academic year **2022-23**.


PROJECT GUIDE


HEAD
DEPARTMENT OF MICROBIOLOGY
DEPARTMENT OF MICROBIOLOGY




EXAMINER




Principal

Yashwantrao Chavan College
of Science, Karad.

Roll No:-5045

Date: 27/06/2023

Exam Seat No:- 27/06/2023 06234

Shri Shivaji Education Society, Karad

Board for Higher Education

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Department of Microbiology

LABORATORY CERTIFICATE

This is to certify that Mr. Shardul Abhijit Patil has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur, in Practical course VIII: Project work. For M.Sc. Part II (Semester IV) Microbiology course and his project work entitled "STUDY OF ANTIMICROBIAL ACTIVITY OF PHENAZINE-1-CARBOXYLIC ACID PRODUCING *Pseudomonas fluorescense*" represents his bonafide work in the M.Sc. Part-II (Semester-IV) of the academic year 2022-2023.



Project Supervisor



Examiner



HEAD
DEPARTMENT OF MICROBIOLOGY
Department Of Microbiology



Principal
Yashwantrao Chavan College
of Science, Karad.

Roll NO : - 5046
Exam Seat No: - 04221

Date: - 27 / 06 / 2023

Shri Shivaji Education Society
Board for Higher Education's
Yashwantrao Chavan College of Science, Karad.

Department of Microbiology
LABORATORY CERTIFICATE

This is to certify that Miss. Pragati Bhimrao Mali has carried out the require project work prescribed by the Shivaji University, Kolhapur in PRACTICAL COURSE VIII: Project Work for the M.Sc. Part II (Semester- IV) Microbiology Course and this PROJECT REPORT entitled " ISOLATION AND CHARACTERIZATION OF KERATIN DEGRADING BACTERIA FROM POULTRY SOIL. "represents her work in the M. Sc. Part II (Semester-IV) class of the academic year 2022-23


Dr. J. U. Patil.

PROJECT GUIDE

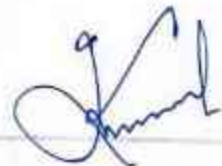

Examiner



Dr. J. HEAD
DEPARTMENT OF MICROBIOLOGY
HEAD

DEPARTMENT OF MICROBIOLOGY





Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No:-5048

Date: 28/06/2023

Exam Seat No.4237

Shri Shivaji Education Society, Karad

Board for Higher Education

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Department of Microbiology

LABORATORY CERTIFICATE

This is to certify that **Mr. Tushar Umesh Sangalge** has satisfactorily carried out the required project work prescribed by the Shivaji University, Kolhapur, in Practical course VIII: Project work for M.Sc. Part II (Semester IV) Microbiology course and his project work entitled "Isolation and characterization of gelatin hydrolyzing bacteria from soil sample" represents his bonafide work in the M.Sc. Part-II (Semester-IV) of the academic year 2022-2023.



Project Supervisor

Examiner



HEAD
DEPARTMENT OF MICROBIOLOGY
Department of Microbiology



Principal
Yashwantrao Chavan College
of Science, Karad.

ROLL NO: 5049
EXAM SEAT NO: 04238

Date: 27-06-2023

**Shri Shivaji Education Society, Karad
Board of Higher Education's
Yashwantrao Chavan College of Science, Karad
Department of Microbiology**

Laboratory Certificate

This is to certify that **MISS. RUTUJA MAHAVIR SANGAME** has satisfactorily carried out the required work prescribed by Shivaji University, Kolhapur, in Practical Course VIII: Project Work for M.Sc. II (Semester IV) Microbiology Course, and her project report entitled "**Screening and Isolation of Indol,3-Acetic Acid Producing Bacteria from Rhizospheric Soil**" represents her bona fide work in M.Sc. II (Semester IV) classes of the academic year 2022-2023.



PROJECT GUIDE



EXAMINER



HEAD
DEPARTMENT OF MICROBIOLOGY



Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No: 5050

Date : 27/6/2023

Exam seat No: - 4240

Shri Shivaji Education Society, Karad
Board for Higher Education's
Yashwantrao Chavan College of Science, Karad
Department Of Microbiology

LABORATORY CERTIFICATE

This to certify that Miss. **VAISHNAVI MURALIDHAR SHANBHAG** has satisfactory carried out the required project work prescribed by Shivaji University, Kolhapur in PRACTICAL COURSE-VIII PROJECT WORK for the M. Sc. Part-II (SEMESTER-IV) Microbiology course and her PROJECT REPORT entitled "**Optimization of Indole Acetic Acid producing bacteria from rhizospheric soil from *Cajanus cajan* plant,**" represents her work in the M. Sc. Part-II (SEMESTER IV) class of the academic year 2022-2023.



Project Guide



Examiner



HEAD
DEPARTMENT OF MICROBIOLOGY



Principal
Yashwantrao Chavan College
of Science, Karad.

Roll No : - 5051

Date: - 27 / 6 / 2023

Exam Seat No : - 4243

Shri Shivaji Education Society

Board for Higher Education's

Yashwantrao Chavan College of Science, Karad.

Department of Microbiology

LABORATORY CERTIFICATE

This is to certify that **Miss. Rutuja Sawanta Tupe** has carried out the require project work prescribed by the Shivaji University, Kolhapur in PRACTICAL COURSE VIII: Project Work for the M.Sc. Part II(Semester- IV) Microbiology Course and this PROJECT REPORT entitled "**ISOLATION, IDENTIFICATION AND CHARACTERIZATION OF CHITIN DEGRADING BACTERIA FROM SOIL**" represents her work in the M. Sc. Part II (Semester-IV) class of the academic year 2022-23



PROJECT GUIDE

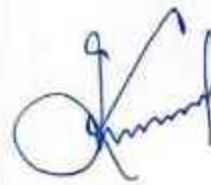


Examiner



HEAD
DEPARTMENT OF MICROBIOLOGY

DEPARTMENT OF MICROBIOLOGY



Principal

Yashwantrao Chavan College
of Science, Karad.

Estd

1958



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



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

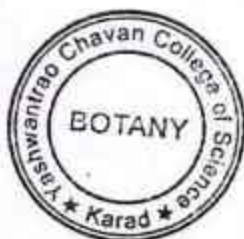
Department of Botany
(205)

Shivaji University Kolhapur
Affiliated to
Yashwantrao Chavan College of Science, Karad
Department of Botany
Project on

**“STUDIES OF EFFECT OF MUTAGEN ON *WITHANIA
SOMNIFERA* (L.) DUNAL”**

A project submitted during the degree of Master of
Science in Botany
by
Mr. Sammed Sanjay Mallewade

Under the supervision of
Dr. S. A. Kirtane
Department of Botany,
Yashwantrao Chavan College of Science, Karad
2022-2023




Principal
Yashwantrao Chavan College
of Science, Karad.

Exam. Seat No. 04249

Date: 08/06/2023

Roll No.- 5002

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

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD



Vidyanagar, Karad - 415 124

Accredited at the B⁺⁺ level by NAAC, Bangalore



Department of Botany

CERTIFICATE

This is to certify that Mr. Sammed Sanjay Mallewade
of M. Sc. II Botany has completed Project work based on Special paper entitled
'STUDIES OF EFFECT OF MUTAGEN ON WITHANIA SOMNIFERA'

The project is satisfactorily completed as prescribed by Shivaji University,
Kolhapur for fulfilment of practical syllabus during the year 2022 - 2023.


Teacher

In-charge




Examiner


Head

Department of Botany

Head
Department of Botany
Yashwantrao Chavan College of
Science, Karad




Principal
Yashwantrao Chavan College
of Science, Karad.

Shivaji University, Kolhapur

Yashwantrao Chavan College of Science, Karad

Affiliated to

Department of Botany

Project on

'Morphological and Physiological characteristics analysis of
Capsicum annum'

A Project submitted during the degree of Master of Science in Botany By

Miss. Rutuja Hambirrao Patil.

Under the supervision of

Dr. S.A.Kirtane

Department of Botany,

Yashwantrao Chavan College of Science, Karad.


2023

Exam seat No. 4246

Date: 8/6/23

Roll No. 5004




Principal
Yashwantrao Chavan College
of Science, Karad.

Shri Shivaji Education Society Karad, Board of Higher Education's

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad-415 124

Accredited at the B++ level by NAAC, Bangalore

Department of Botany

CERTIFICATE

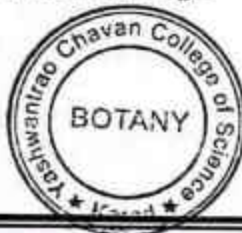
This is certify that Miss. Rutuja Hambirrao Patil of M.Sc.II Botany has 'Morphological and Physiological characteristics analysis of Capsicum annum' completed project work based on Special paper entitled satisfactorily as prescribed by Shivaji University, Kolhapur for fulfilment of syllabus during the year 2022-2023.



Teacher in-charge

Examiner

Head



Principal

Yashwantrao Chavan College
of Science, Karad

Department of Botany
Head
Department of Botany
Yashwantrao Chavan College of
Science, Karad

Shivaji University, Kolhapur
Yashwantrao Chavan College of Science, Karad

Affiliated to
Department of Botany

Project on

**'Morphological and physiological characteristics analysis of
coriander (coriander sativum)'**

A project submitted during the degree of
Master of Science in Botany

by

Mr. Patil Sanket Gunvant

Under the supervision of
Dr. S. A. Kirtane

Department of Botany,
Yashwantrao Chavan College of Science, Karad,

2023



1

A handwritten signature in blue ink, appearing to be "S. A. Kirtane".

Principal
Yashwantrao Chavan College
of Science, Karad.

Exam.Seat No. : 04247

Roll No - 5005

Date: 8/6/23

Shri shivaji Education Society karad, Bord for Higher Education's
**YASHWANTRAO CHAVAN COLLEGE OF SCIENCE,
KARAD**

Vidyannagar, Karad-415 124

Accredited at the B++ level by NAAC, Bangalore

Department of Botany

CERTIFICATE

This is to certify that Mr. Sanket Gunvant Patil of M. Sc. II Botany has
'Morphological and physiological characteristics analysis of coriander (coriander sativum)'. completed Project work based on Special paper entitled satisfactorily as prescribed by Shivaji University, Kolhapur for fulfillment of practical syllabus during the year 2022-2023


Teacher In-charge


Examiner

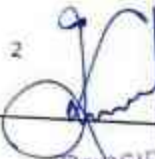

Head

Department Of Botany

Head

Department of Botany
Yashwantrao Chavan College of
Science, Karad



2


Principal
Yashwantrao Chavan College
of Science, Karad.



A PROJECT REPORT

"To studies in variety differences with respect to vegetative and physiological characters of Spinacia oleracea L."

A project report submitted during the degree of Master of Science in
Botany

To

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.

DIST - SATARA

Affiliated to

SHIVAJI UNIVERSITY, KOLHAPUR.

Under guidance of

Dr. S. A. Kirtane (M.Sc. Ph.D.)

Assistant Professor

Department of Botany

Yashwantrao Chavan College Of Science, Karad

By

Miss .Poonam Raghunath Suryawanshi

Department of Botany

Yashwantrao Chavan College Of Science, karad.



April 2023

A handwritten signature in blue ink, appearing to be "P. Suryawanshi".

Principal

Yashwantrao Chavan College
of Science, Karad.



Exam Seat No. : 4248

Roll No 4408

Date : 8/6/23

Shri Shivaji Education Society Karad, Board of Higher Education

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE KARAD

Department of Botany

CERTIFICATE

This is to certify that Miss. Poonam Raghunath Suryawanshi Student of M. Sc. II – Botany has “To Studies in variety differences with respect to vegetative and physiological Characters of Spinacia oleracea L.” Completed Project work based on special paper satisfactorily is prescribed by Shivaji University, Kolhapur for fulfillment of practical syllabus during the year 2022 – 2023




Teacher in – charge



Examiner

Principal


Head of Department
Head
Department of Botany
Yashwantrao Chavan College of
Science, Karad

Shivaji University, Kolhapur
Affiliated to
Yashwantrao Chavan College of Science, Karad

Department of Botany

Project on

**“EFFECT OF SODIUM AZIDE (SA) TO STUDY CYTOLOGY
AND PHYSIOLOGY IN *NIGELLA SATIVA* (L.)”**

A project submitted during the degree of Master of

Science in

Botany by

Miss. Nilima Deepakkumar Vora

Under the supervision of

Dr. S. A. Kirtane

Department of Botany,

Yashwantrao Chavan College of Science, Karad.

2023



Principal
Yashwantrao Chavan College
of Science, Karad.

Exam. Seat No. 4250

Date: 8/6/23

Roll No.-5008

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

**YASHWANTRAO CHAVAN COLLEGE OF
SCIENCE, KARAD**



Vidyanagar, Karad - 415 124

Accredited at the B⁺ level by NAAC, Bangalore

IAS-ANZ



Department of Botany

CERTIFICATE

This is to certify that Miss. Nilima Deepakkumar Vora of M. Sc. II Botany has completed Project work based on Special paper entitled 'Effect of Sodium Azide (SA) to study cytology and physiology on seed of Nigella sativa (L.)'

The project is satisfactorily completed as prescribed by Shivaji University, Kolhapur for fulfillment of practical syllabus during the year 2022 - 2023.

Teacher

In-charge



3



Examiner

Head

Department of Botany

Head

Department of Botany
Yashwantrao Chavan College of
Science, Karad

Principal
Yashwantrao Chavan College
of Science, Karad.

A PROJECT REPORT

**Cytotoxic and Clastogenic Effect of Oxyfluorfen, Mancozeb and Fipronil
on root tip meristem of *Allium cepa* L.**

**A project report submitted during the degree of Master of Science in
Botany**

To

**YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.
DIST - SATARA**

Affiliated to

SHIVAJI UNIVERSITY, KOLHAPUR.

Under guidance of

Dr. S. A. Kirtane (M. Sc. Ph. D.)

Assistant Professor

Department of Botany

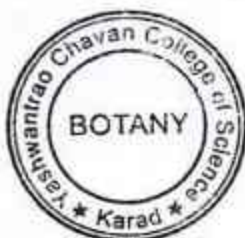
Yashwantrao Chavan College of Science, Karad.

By

Miss. Sukanya Chandrakant Yadav

Department of Botany

Yashwantrao Chavan College of Science, Karad.



April 2023

A handwritten signature in blue ink.

**Principal 1
Yashwantrao Chavan College
of Science, Karad.**

Estd

1958



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



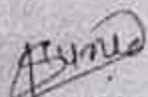
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

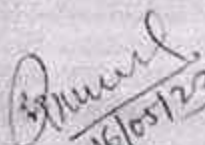
Department of Mathematics
(2324)

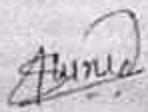
CERTIFICATE

This is certify that Miss Nayan Rajendra Mane has satisfactorily carried out project work on Golden Polygons And Golden Curves Mathematics.

Prescribed by the Shivaji University Kolhapur for the B.Sc. III Mathematics (2022 – 2023)


Teacher In Charge


16/05/23
Examiner


Head Of Department








Principal
Yashwantrao Chavan College
of Science, Karad

CERTIFICATE

This is certify that Miss Sayali Sanjay
Nangare has satisfactorily carried out project
work on Fourier Series In Mathematics
Prescribed by the Shivaji University
Kolhapur for the B.Sc. III Mathematics
(2022 – 2023)


Teacher In Charge


Examiner


Head Of Department




Yashwantrao Chavan College
of Science, Karad

Estd

1958



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



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Department of Computer Science

**(B.Sc. Cs. Entire (2325),
Optional (2324) and M.Sc.
(2353))**

**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **ONLINE WATCH SHOPPING** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **MORE PRIYANKA SATISH and SAWANT SNEHAL SAMPAT** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place : Karad

Date : 10-5-2023



Mrs V. A. Mali

(Project Guide)

Assistant Professor

Department Of Computer Science

Yashwantaro Chavan College Of Science, Karad

Evaluated
Average
17-05-2023
External Examiner/s



(Shri. A. A. Mulla)

Head Of Department Computer Science

Yashwantaro Chavan College Of Science, Karad



Head
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad



Principal
Yashwantrao Chavan College
of Science, Karad.

**YASHWANTRAO CHAVAN
COLLEGE OF SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled E-Visa Processing Management System being submitted here with for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by Rohan Santosh Khatavkar and Niranjan Jagannath Raut under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10/05/2023

External Examiner/s:-

Handwritten signature and date: 10/05/23



Handwritten signature of Mrs. S.G. Padyal

Mrs. S.G. Padyal

(Project Guide)

Assistant Professor,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

(Shri. A. A. Mulla)

Head Of Department

Department Of Computer Science

Yashwantrao Chavan College of Science, Karad.

Yashwantrao Chavan College of Science,

Karad

Handwritten signature of Shri. A. A. Mulla

Handwritten signature of Principal

Principal
Yashwantrao Chavan College
of Science, Karad.

**YASHWANTRAO CHAVAN COLLEGE OF
SCIENCE, KARAD**

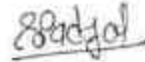
DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **ONLINE GIRLS FASHION CORNER** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **Shravani Pandharinath Chavan and Sunita Jyotiba Ghorapade** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place : Karad

Date : 10/05/2023



Prof. S. G. Padyal

(Project Guide)

Assistant Professor,

Department Of Computer Science,

Yashwantrao Chavan College Of Science, Karad.

evaluated

Prasad
10/05/23

External Examiner/s



(Shri. A. A. Mulla)

Head of Department

Department Of Computer Science,

Yashwantrao Chavan College Of Science, Karad.

Head

Department of Computer Science
Yashwantrao Chavan College of Science,
Karad



Principal

Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled "ONLINE RTO SYSTEM" being submitted here with for the award of BACHELOR OF SCIENCE in COMPUTER SCIENCE under the Faculty of SCIENCE AND TECHNOLOGY of Shivaji University, Kolhapur is the result of the original research work completed by KUMBHAR PRATHAMESH VAIBHAV and JADHAV VAISHNAVI VIJAY.


To the best of knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10-5-2023


External Examiner/s




Mrs. S.G. PADYAL
(Project Guide)


Assistant Professor,

Department of Computer Science,
Yashwantrao Chavan College of Science, Karad


(Shri. A. H. Attalla)
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad
Department of Computer Science,
Yashwantrao Chavan College of Science, Karad

Yashwantrao Chavan College of Science, Karad




Principal
Yashwantrao Chavan College
of Science, Karad.

**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **ONLINE BAGS SHOPPING** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **SHEWALE ROSHANI SIDDHESHWAR** and **KUMBHAR PRIYANKA RAMESH** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place : Karad

Date : 10/05/2023

REWRITE
10/05/23

Miss S. R. Pawar

(Project Guide)

Assistant Professor

Department Of Computer Science

Yashwantaro Chavan College Of Science, Karad

External Examiner
Mares
17/05/23

External Examiner



(Signature)

(Shri. A. A. Mulla)

Head of the Department

Department of Computer Science
Yashwantrao Chavan College of Science, Karad



(Signature)

Principal

Yashwantrao Chavan College
of Science, Karad.

**YASHWANTRAO CHAVAN COLLEGE OF
SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **PET CLINIC MANAGEMENT SYSTEM** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **BAVADEKAR BHUSHAN KAKASO** and **PISAL ADITYA VILAS** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10-5-2023

*Approved
10-5-23*
Miss. A.G.Jirange

(Project Guide)

Assistant Professor,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

*Evaluated
through
17-5-23*



External Examiner/s

(Signature)
(Shri. A. A. Mulla)

Head of ~~the~~ **Department**

Department of Computer Science

Yashwantrao Chavan College of Science,

Yashwantrao Chavan College of Science, Karad



(Signature)

Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **IPL MANAGEMENT SYSTEM** being submitted herewith for the award of **BACHELOR OF SCIENCE in COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **PHADATARE KUNAL SHAILESH** and **ADSULE ROHIT PANDURANG** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place : Karad

Date : 10/5/23

Handwritten signature
10.5.23

Miss.Jirange A.G

(Project Guide)

Assistant Professor,

Department of Computer science

Yashwantrao chavan college of science,karad.

Handwritten signature
17/5/23

External Examiner



(Shir:A.A.Mulla)

Head of Department.

Head

Department of Computer Science
Yashwantrao Chavan College of Science
Karad

Yashwantrao Chavan College of Science, Karad.



Handwritten signature

Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **AUTO PARTS & HARDWARE INVENTORY MANAGEMENT SYSTEM** being submitted here with for the award of **BATCHLOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **SUPANEKAR SUMIT BHAGAWAN** and **TEVAR AJIT PANDURANG** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10/05/2023

Mrs. V. A. Mali
10/05/23
Mrs. V. A. Mali
(Project Guide)

Assistant Professor,
Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.

Evaluated
M. A. Mali
10/5/23
External Examiner's



(Shri. A. A. Mulla)
(Shri. A. A. Mulla)
Head of Department,

Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.

Head
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad



(Principal)
Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

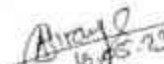
DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled COMPUTER INSTITUTE MANAGEMENT SYSTEM being submitted herewith for the award of BACHELOR OF SCIENCE in COMPUTER SCIENCE under the Faculty of SCIENCE AND TECHNOLOGY of Shivaji University, Kolhapur is the result of the original research work completed by PAWAR SWAPNIL DADASAHEB and MOHOLKAR VIKRANT ANIL under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place : Karad

Date : 10-5-2023



Miss A. G. Jirange

(Project Guide)


Assistant Professor

Department Of Computer Science

Yashwantaro Chavan College Of Science, Karad


External Examiner/s




(Shri. A. A. Mulla)

Head Department

Department of Computer Science
Department Of Computer Science
Yashwantrao Chavan College of Science,
Karad

Yashwantaro Chavan College Of Science, Karad



Principal

Yashwantrao Chavan College
of Science, Karad.



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **ONLINE EXAMINATION SYSTEM QUIZ** being submitted herewith for the award of **BATCHLOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **KADAM SAYALI GANESH** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10/05/2023


Miss. Jirange.A.G

(Project Guide)

Assistant Professor,


Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.


External Examiner/s




(Shri. A. A. Mulla)

Head
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad


Principal
Yashwantrao Chavan College
of Science, Karad.



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **ONLINE E-VOTING** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **BAMANE AKASH BALKRUSHNA** and **PISAL VISHAL BHAUSO** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place : Karad

Date : 10-5-2023

POWAR
10/05/23

Miss S. R. Pawar

(Project Guide)

Assistant Professor

Department Of Computer Science

Yashwantrao Chavan College Of Science, Karad

External Examiner/s
12/5/23



(Shri. A. A. Mulla)

Head Of

Department Of Computer Science

Yashwantrao Chavan College Of Science, Karad

Head

Department of Computer Science
Yashwantrao Chavan College of Science,
Karad



Principal

Principal
Yashwantrao Chavan College
of Science, Karad

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **FOOTEWAR SHOPPING SYSTRM** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** Of Shivaji University, Kolhapur is the result of the original research work completed by **JADHAV SAMEER HARIDAS & CHAVAN PRAJWAL UMESH** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place:- Karad

Date:- 19.5.23



Jadhav
External Examiner/s

19/05/23

Mrs. S. G. Padayal
(Project Guide)

Assistant Professor,

Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.

(Shri. A. A. Mulla)
(Shri. A. A. Mulla)

Head of Department

Department of Computer Science
Yashwantrao Chavan College of Science,
Karad

(Signature)
Principal
Yashwantrao Chavan College
of Science, Karad.



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **ONLINE JEWELLERY SHOPPING** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **SHIKALGAR TOHID IBRAHIM** and **JADHAV AKASH HINDURAO** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10-05-23

FEWDF
10/05/23

Miss. S. R. Pawar

(Project Guide)

Assistant Professor,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

Shikalgar
External Examiner/s



(Signature)
(Shri. A. A. Mulla)

Head,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

Department of Computer Science
Yashwantrao Chavan College of Science,
Karad



(Signature)
Principal
Yashwantrao Chavan College
of Science, Karad.

**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD**


DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **HOME BOOKING SYSTEM** being submitted herewith for the award of **BACHLOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **MR. SHINDE OMKAR SAGAR** and **MR.SHEWALE RUTIK BAJIRAO** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10/5/2023


Mrs. Nalawade A.V.

(Project Guide)

Assistant Professor,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.


External Examiner/s




(Shri. A. A. Mulla)

Head

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

Head

Department of Computer Science

Yashwantrao Chavan College of Science

Karad


Principal
Yashwantrao Chavan College
of Science, Karad



**YASHWANTRAO CHAVAN COLLEGE OF
SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **GRAIN STORE MANAGEMENT SYSTEM** being submitted herewith for the award of **BACHELOR OF SCIENCE in COMPUTERSCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **SALUNKHE AMIT PANDHARINATH** and **RODE SANKET CHANDRAKANT** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 11/05/2023

Miss. S. G. Padyal

(M.C.A.,SET)

(Project Guide)

Assistant Professor,
Department of Computer
Science, Yashwantrao Chavan
College of Science, Karad.



External Examiner/s

(Shri. A. A. Mulla)

Head Department of Computer
Science, Yashwantrao Chavan
Department of Computer Science
Yashwantrao Chavan College of Science, Karad.

Principal
Yashwantrao Chavan College
of Science, Karad.



**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **LIBRARY MANAGEMENT SYSTEM** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **PATIL OMKAR JAGANNATH** and **JADHAV VISHWAJEET NANASO** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad
Date: 11/05/2023

Alhambra
11.05.23
Miss. JIRANGE.A.G
(Project Guide)

Assistant Professor.

Department of Computer Science.

Yashwantrao Chavan College of Science, Karad

Patil Omkar
20/5/2023
External Examiner/s



(Shri. A. A. Mulla)

Head of Department

Department of Computer Science.

Yashwantrao Chavan College of Science,
Karad

(Signature)
Principal
Yashwantrao Chavan College
of Science, Karad.



**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **ONLINE SPORTS MATERIAL BOOKING** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **CHAVAN OMKAR VINAYAK and SHINDE TEJAS SHIVAJI** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10/05/2023

External Examiner/s



M. V. Mali
10/05/23

Mrs. V.A.MALI

(Project Guide)

Assistant Professor,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

(Shri. A. A. Mulla)

Head Of Department

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

Head
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad

(Signature)
Principal
Yashwantrao Chavan College
of Science, Karad

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **WEIGHING SCALE SYSTEM** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **YADAV ANIKET ANIL** and **YADAV PRATIK BAPURAO** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad
Date: 10-5-2023

Miss. S. G. Padyal
(Project Guide)
Assistant Professor,
Department of Computer Science,
Yashwantrao Chavan College of Science, Karad

External Examiner/s



(Shri. A. A. Mulla)
Head of Department,
Department of Computer Science,
Yashwantrao Chavan College of Science, Karad



Head
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad

Principal
Yashwantrao Chavan College
of Science, Karad.

**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD**


DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the *project report* entitled **LOCAL LOAN SERVICE** being submitted herewith for the award of **BACHELOR OF SCIENCE in COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the *original research work* completed by **RAJUKUMAR SHRIPULISRAY and ADITYA PRAKASH JADHAV** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10-5-2023


Mrs. A. V. Nalawade

(Project Guide)

Assistant Professor,

Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.


External Examiner/s




(Shri. A. A. Mulla)

Head,
Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.

Head
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad




Principal
Yashwantrao Chavan College
of Science, Karad.

**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **INTERIOR DESIGN** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **NANGARE UTKARSH SANJAY & JADHAV GANESH SANTOSH** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10/05/2023

External Examiner/s

Raye Ravi
20/5/2023



A. V. Nalawade
Miss. A. V. Nalawade
(Project Guide)

Assistant Professor,

Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.

(Shri. A. A. Mulla)
(Shri. A. A. Mulla)
Head Of Department

Department of Computer Science,
Yashwantrao Chavan College of Science, Karad
Head
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad



(Principal)
Principal
Yashwantrao Chavan College
of Science, Karad.

**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD**

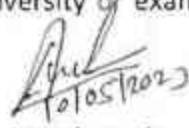
DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE


This is to certify that the project report entitled **CAR SHOWROOM MANAGEMENT SYSTEM** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **PATIL HRISHIKESH ASHOK AND JADHAV SAGAR LAXMAN** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place:- Karad

Date:- 10/05/2023


Mrs. A. V. Nalawade
(Project Guide)
Assistant Professor,

Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.



External Examiner/s




Prof. A. A. Mulla

Head Of Department

Department of Computer Science,
Yashwantrao Chavan College of Science, Karad
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad


Principal
Yashwantrao Chavan College
of Science, Karad.



**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD**

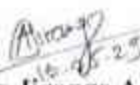
DEPARTMENT OF COMPUTER SCIENCE.

CERTIFICATE

This is to certify that the project report entitled **FERTILIZER STORE MANAGEMENT SYSTEM** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE (ENTIRE)** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **THORAT SARVDNYA DILIP** and **MULLA KAJAL SALIM** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10/5/2023



Miss. Jirange A.G. MCA

(Project Guide)

Assistant Professor,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.


External Examiner/s




(Shri. A. A. Mulla)

Head Of Department

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

Department of Computer Science

Yashwantrao Chavan College of Science

Karad


Principal
Yashwantrao Chavan College
of Science, Karad.



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF COMPUTER SCIENCE CERTIFICATE

This is to certify that the project report entitled **ONLINE BUS SMART CARD SERVICE** being submitted here with for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **WADATE TEJAS VINOD** and **VARKAD AADESH ANIL** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10 / 05 / 2023

Miss. S. G. Padyal

(Project Guide)

Assistant Professor,

Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.

External Examiner/s



(Shri. A. A. Mulla)

Head of Department,

Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.

Principal
Yashwantrao Chavan College
of Science, Karad.

Head
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad



**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **ONLINE VACCINE REGISTRATION** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **SANKPAL RAHUL VIJAY & PHALLE SOMNATH MAHESH** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.


Place: Karad

Date: 10/05/2023


External Examiner/s




Principal
Yashwantrao Chavan College
of Science, Karad.


Mrs. A. V. Nalawade
(Project Guide)

Assistant Professor,
Department of Computer Science,
Yashwantrao Chavan College of Science,
Karad.


(Shri. A. A. Mulla)
Head,

Department of Computer Science,
Yashwantrao Chavan College of Science.

Head
Department of Computer Science
Yashwantrao Chavan College of Science
Karad



**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE,

CERTIFICATE

This is to certify that the project report entitled **ONLINE ELECTRICITY BILLING SYSTEM** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaj University, Kolhapur is the result of the original research work completed by **DANGE ANUJA SUNIL** and **DUBAL GAYATRI SANTAJI** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 16/5/2023.



Mrs. A. V. Nalawade

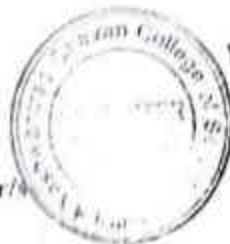
(Project Guide)

Assistant Professor,

**Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.**



External Examiner



(Shri. A. K. Mulla)

Head,

**Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.**

Head

**Department of Computer Science
Yashwantrao Chavan College of Science,
Karad**



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



**YASHWANTRAO CHAVAN COLLEGE OF
SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **PET SHOP
MANAGEMENT SYSTEM** being submitted herewith for the award of
BACHELOR OF SCIENCE in **COMPUTER SCIENCE** under the Faculty of
SCIENCE AND TECHNOLOGY of Shivaji University, Kolhapur is the result
of the original research work completed by **NADAF SAHIL AINU** and
NADAF NIHAL RAFIK under my supervision and guidance and to the best of
my knowledge and belief, the work embodied in this project report has not
formed earlier the basis for the award of any degree or similar title of this or any
other University or examining body.

Place:-Karad

Date:- 10-5-2023

Mrs. Mali.V.A

(Project Guide)

Assistant Professor,

Department of Computer Science,
Yashwantrao Chavan College of Science, Karad

External Examiner/s
(Project Guide)



(Shri. Mulik.A.A)

Head

Department of Computer Science
Yashwantrao Chavan College of Science,
Karad

Principal
Yashwantrao Chavan College
of Science, Karad.



**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

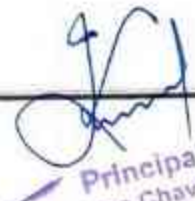
This is to certify that the project report entitled **CAR SHOWROOM MANAGEMENT SYSTEM** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **PATIL HRISHIKESH ASHOK AND JADHAV SAGAR LAXMAN** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

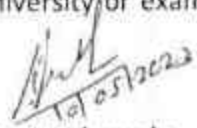
Place:- Karad

Date:- 10/05/2023

External Examiner/s





Principal
Yashwantrao Chavan College
of Science, Karad.


Mrs. A. V. Nalawade
(Project Guide)

Assistant Professor,

Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.


Prof. A. A. Mulla
Head Of Department

Department of ~~Head~~ Computer Science,
Department of Computer Science
Yashwantrao Chavan College of Science, Karad.



**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **ANALYSIS AND
WILDFIRE DETECTION USING WEATHER DATA** for the award of **BACHELOR
OF SCIENCE IN COMPUTER SCIENCE** under the Faculty of **SCIENCE AND
TECHNOLOGY** of Savitribai Phule University, Kolhapur is the result of the original
research work completed by **MAHE. PRAJAKTA DHANAJI** and **SHIKALGAR
KARISHMA LALA** under my supervision and guidance and to the best of my
knowledge and belief, the work contained in this project report has not formed earlier
the basis for the award of any degree or similar title of this or any other University
or examining body.

Place: Karad

Date: 10/11/2023

External Examiner/s

Principal
Yashwantrao Chavan College
of Science, Karad.


Prof. S. G. Padyal (M.C.A., SET)

(Project Guide)

Assistant Professor,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

(Shri. A. A. Mulla)

Head Of Department

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

Head
Department of Computer Science

Yashwantrao Chavan College of Science,
Karad



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **ONLINE CAR BOOKING** being submitted herewith for the award of **BACHELOR OF SCIENCE in COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of **Mhivaji University, Kolhapur** is the result of the original research work completed by **BHUBAL PRANAY YASHWANT and JADHAV SANKET RAMCHANDRA** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10-5-2023

Pawar
10/05/23

Miss. S. R. Pawar

(Project Guide)

Assistant Professor,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.



[Signature]

External Examiner/s

(Shri. A. A. Mulla)

Head of Department,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

Head
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad.

[Signature]

Principal
Yashwantrao Chavan College
of Science, Karad.



**YASHWANTRAO CHAVAN COLLEGE OF
SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **ONLINE OPTICALS SHOPPING** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **PATIL SNEHAL RAHUL** and **SUTAR PRAGATI MADHUKAR** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10/5/2023

10/05/23

Miss. S. R. Pawar

(Project Guide)

Assistant Professor,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

External Examiner/s



(Shri. A. A. Mulla)

Head Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.

Head
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad

Principal
Yashwantrao Chavan College
of Science, Karad.



**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **ONLINE CAR SERVICE BOOKING** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **PAWAR KUNAL MANSING** and **SANKPAL PRATIK DILIP** my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10/05/2023



V. A. Mali
10/05/23
Mrs. V. A. MALI

(Project Guide)

Assistant Professor,

Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.

R. A. Patil
20/5/2023
External Examiner/s

A. A. Mulla
(Shri. A. A. Mulla)

Head of department

Yashwantrao Chavan College of Science, Karad

Head
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad

Principal
Yashwantrao Chavan College
of Science, Karad.



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **ONLINE GAS BOOKING** being submitted herewith for the award of **BACHELOR** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **VADAV SAIRAJ PRASHANT** and **SURYAVANSHI JAYESH SURESH** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place : Karad

Date : 10/05/2023

*Feb 2023
10/05/23*

Miss. Pawar S.R.

(Project Guide)

Assistant Professor

Department Of Computer Science

Yashwantaro Chavan College Of Science, Karad

21/05/2023

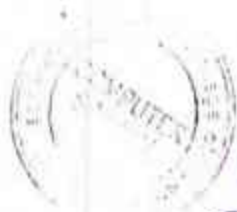
External Examiner/s

(Shri. A. A. Mulla)

(Head Of Department)

Department Of Computer Science

Yashwantaro Chavan College Of Science, Karad



[Signature]

Principal
Yashwantrao Chavan College
of Science, Karad.

Head
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad



**YASHWANTRAO CHAVAN
COLLEGE OF SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE,

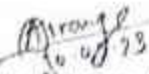
CERTIFICATE

This is to certify that the project report entitled **ONLINE ANIMAL FEED BOOKING** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **SALUNKHE AJAY SAMBHAJI** and **SALUNKHE SUSHANT SUNIL** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10/05/2023

External Examiner/s


Mrs. Jirange A.G.

(Project Guide)


Assistant Professor,

Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.


(Shri. A. A. Mulla)

Head of Department,
Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.




Principal
Yashwantrao Chavan College
of Science, Karad.



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **ONLINE PHARMACY ORDERING** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **POL SHREYA RAJENDRA** and **LIMBARE PRAJAKTA PRAKASH** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10/05/2023

Miss. S. R. Pawar

(Project Guide)

Assistant Professor,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

External Examiner/s



(Shri. A. A. Mulla)

Head Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

Head

Department of Computer Science
Yashwantrao Chavan College of Science,
Karad

Principal
Yashwantrao Chavan College
of Science, Karad.



**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **GYM MANAGEMENT SYSTEM** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **PATIL PARTH PRAMOD** and **KADAM SOHAM UDAY** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10-05-2023

Ashay
10/05/23
Mrs. V. A. MALI

(Project Guide)

Assistant Professor,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

Shubaltes
External Examiner/s



(Signature)
(Shri. A. A. Mulla)

(Head Of Department)

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

Head

Department of Computer Science

Yashwantrao Chavan College of Science,
Karad

(Signature)
Principal
Yashwantrao Chavan College
of Science, Karad.



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF COMPUTER SCIENCE


CERTIFICATE


This is to certify that the project report entitled **CLOTH BAZAR MANAGEMENT SYSTEM** being submitted here with for the award of **MASTER OF SCIENCE** in **COMPUTER SCIENCE SEM-II** (2022 - 2023) under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **DESAI ABHISHEK RAMESH** and **JADHAV UDAY SHANKAR** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.




Place: Karad

Date: 23.06.23


Prof. A. G. Jirange
(Project Guide)


External Examiner/s


Principal
Yashwantrao Chavan College
of Science, Karad.


(Shri. A. A. Mulla)
Head
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD


DEPARTMENT OF COMPUTER SCIENCE

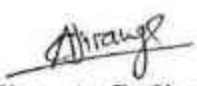
CERTIFICATE

This is to certify that the project report entitled **BAKERY MANAGEMENT SYSTEM** being submitted herewith for the award of **MASTER OF SCIENCE** in **COMPUTER SCIENCE SEM II, 2022-23** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **MISS. KADAM ANKITA VILAS** and **MISS. DANAWALE MANASI SUNIL** Under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 23/06/2023


External Examiner/s


Miss. A. G. Jirange


Project Guide




Shri. A. A. Mulla

Head
Head Of Department
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad




Principal
Yashwantrao Chavan College
of Science, Karad.

**YASHWANTRAO CHAVAN
COLLEGE OF SCIENCE, KARAD**

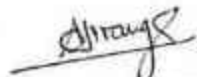
DEPARTMENT OF COMPUTER SCIENCE

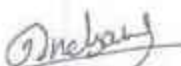
CERTIFICATE

This is to certify that the project report entitled **ONLINE PHARMACY ORDERING** being submitted herewith for the award of **MASTER OF SCIENCE** in **COMPUTER SCIENCE SEM-II (2022-23)** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **MISS.SURYAGANDH POONAM ARUN** and **MISS. GURAV MADHAVI AJAY** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 23/06/2023


MISS. A. G. JIRANGE
Project Guide



External Examiner/s




Shri. A. A. Mulla


Head of Department
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad




Principal
Yashwantrao Chavan College
of Science, Karad

**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **ONLINE FURNITURE SHOPPING** being submitted herewith for the award of **BACHELOR** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **DESHMUKH ISHWAR LAXMAN** and **PATIL ASHITOSH ANIL** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place : Karad

Date : 10/05/2023

*FCU/23
10/05/23*
Miss. Pawar S.R.

(Project Guide)

Assistant Professor

Department Of Computer Science
Yashwantrao Chavan College Of Science, Karad

Shapase
External Examiner/s

(Signature)
(Shri. A. A. Mulla)
(Head Of Department)

Department Of Computer Science
Yashwantrao Chavan College Of Science, Karad

Head
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad



(Signature)
Principal
Yashwantrao Chavan College
of Science, Karad.



**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **COFFEE SHOP MANAGEMENT** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **GARUD PRANALI UTTAM** and **DOLE AISHWARYA DATTATRAY** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10/05/2023

Paar
10/05/23
Miss. S. R. Pawar
(Project Guide)

Assistant Professor,

**Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.**

Jhapatkar

External Examiner's



(Signature)
(Shri. A. A. Mulla)

Head
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad

(Signature)

Principal
Yashwantrao Chavan College
of Science, Karad.



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **TOURS AND TRAVELS MANAGEMENT SYSTEM** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **KSHIRSAGAR GAURAV SHRIKANT** and **KASHID VARUNKUMAR SANJAY** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place : Karad

Date : 10/05/23



V.A. Mali
10/05/23
Mrs V.A.Mali

(Project Guide)

Assistant Professor

Department Of Computer Science

Yashwantrao Chavan College Of Science, Karad

Rajesh R. Patil
21/5/23

External Examiner/s

(Shri. A. A. Mulla)

Head Of

Department Of Computer Science

Yashwantrao Chavan College Of Science, Karad

Head
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad

(Signature)
Principal
Yashwantrao Chavan College
of Science, Karad.



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

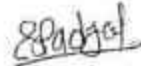
DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **PARKING MANAGEMENT SYSTEM** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **Mr. AVATE SUSHANT NAMDEV** and **Mr. KUMBHAR ADARSH MADHUKAR** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

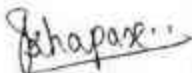
Place: Karad

Date: 10/05/2023



Mrs. Padyal S.G.
(Project Guide)

Assistant Professor,
Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.



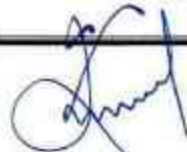
External Examiner/s



(Shri. A. A. Mulla)

Head Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.

Head
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad



Principal
Yashwantrao Chavan College
of Science, Karad.



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **ONLINE CAR INSURANCE** being submitted herewith for the award of **BACHELOR'S OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **KADAM VIRAJ SUJAY** and **KADAM ROHIT SANTOSH** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10/09/2023

Viraj Kadam
10/09/2023

External Examiner



A. V. Nalawade
10/09/2023

Mrs. A. V. Nalawade

(Project Guide)

Assistant Professor,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

(Shri. A. A. Mulla)
(Shri. A. A. Mulla)

Head,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

Head

Department of Computer Science

Yashwantrao Chavan College of Science

(Signature)
Principal
Yashwantrao Chavan College
of Science, Karad.



**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **ONLINE CAR INSURANCE** being submitted herewith for the award of **BACHELOR'S OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **KADAM VIRAJ SUJAY** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10/05/2023

A. V. Nalawade
10/05/2023

Mrs. A. V. Nalawade

(Project Guide)

Assistant Professor,

Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.

S. A. Mulla

External Examiner/s

(Shri. A. A. Mulla)

Head,

Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.

Head

Department of Computer Science
Yashwantrao Chavan College of Science,
Karad.



(Principal)
Principal
Yashwantrao Chavan College
of Science, Karad.



**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD
DEPARTMENT OF COMPUTER SCIENCE
CERTIFICATE**

This is to certify that the project report entitled **HUMAN RESOURCE MANAGEMENT SYSTEM** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **MISS.MALI SNEHAL TUKARAM** and **MISS.THORAT SNEHAL DHANAJI** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10-05-2023

External Examiner/s





Mrs. A.V. Nalawade

(Project Guide)
Assistant Professor,
Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.


(Shri. A. A. Mulla)

Head Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.
Karad
Yashwantrao Chavan College of Science,
Department of Computer Science
Head


Principal
Yashwantrao Chavan College
of Science, Karad.



**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD
DEPARTMENT OF COMPUTER SCIENCE
CERTIFICATE**

This is to certify that the project report entitled **POST OFFICE MANAGEMENT** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **BHOSALE NIKITA MANOHAR** and **BHOSALE AVINASH JOTIRAM** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10/5/23

V.A. Mali
10/05/23

Mrs. V.A. Mali

(Project Guide)

Assistant Professor,

Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.

J. J. J. J.
External Examiner/s



(Shri. A. A. Mulla)

Head
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad

[Signature]
Principal
Yashwantrao Chavan College
of Science, Karad.



**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **DESTINY (MATRIMONIAL DESKTOP APPLICATION)** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **PAWAR VIRAJ VIVEK** and **PATIL SIDDHI NANDKUMAR** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10.05.23



S.G. Padyal

Mrs. S.G. PADYAL

(Project Guide)

Assistant Professor,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

[Signature]

External Examiner/s

[Signature]

(Shri. A. A. Mulla)

Head,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

Head

Department of Computer Science

Yashwantrao Chavan College of Science

Karad

[Signature]

Principal

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



**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **BUILDING SITE CONTRACTOR** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **CHOPADE RUTUJA SHASHIKANT** and **PATIL NIKITA NAVANATH** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 16/05/2023

Mrs. S. G. Padyal

(Project Guide)

Assistant Professor,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

External Examiner/s



(Shri. A. A. Mulla)

Head,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

Head

Department of Computer Science
Yashwantrao Chavan College of Science,

Principal
Yashwantrao Chavan College
of Science, Karad.



**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **PAYROLL MANAGEMENT SYSTEM** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **MISS. AFSANA RAFIK MUJAWAR** and **MISS. VAISHNVEE PRASAD PAWAR** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10-05-2023

Safar/2023
20/5/2023

External Examiner



Afsana
10/05/23
MRS. MALI V.A

(Project Guide)

Assistant Professor,

Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.

(Shri. A. A. Mulla)

Head Of Department

Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.

Head
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad



(Signature)
Principal
Yashwantrao Chavan College
of Science, Karad.

**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **ONLINE MOVIES TICKET BOOKING** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **KAMBLE SAKSHI DILIP** and **KUMBHAR VAISHNAVI DEVDATTA** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10-05-2023

Pawar
10/05/23

Miss. S. R. Pawar

(Project Guide)

Assistant Professor,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

[Signature]
External Examiner/s



[Signature]
(Shri. A. A. Mulla)

(Head Of Department)

Department of Computer Science,

Yashwantrao Chavan College of
Science, Karad.

Head

Department of Computer Science
Yashwantrao Chavan College of Science,
Karad



[Signature]
Principal
Yashwantrao Chavan College
of Science, Karad.

**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **BAKERY MANAGEMENT SYSTEM** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **PAWAR SHREYA PANDURANG** and **CHAVAN VAISHNAVI VIJAY** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10/5/2023

External Examiner/s


Miss. A. G. JIRANGE

**(Project Guide)
Assistant Professor,**

**Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.**



Shri. A. A. Mulla

(Head of Department)

**Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.**

**Head
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad**




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

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE


This is to certify that the project report entitled **DAIRY MANAGEMENT SYSTEM** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **DESHMUKH VINITA BHANUDAS** and **DESHMUKH SAYALI SUNIL** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad


Date: 10/5/2023


Miss. A. G. Jirange

(Project Guide)
Assistant Professor,
Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.

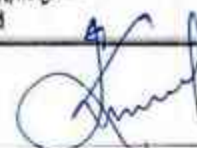

External Examiner/s




(Shri. A. A. Mulla)
Head of Department
Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.

Head
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad




Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **COLOR SHOP** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **ZABIHULLA JIYAUDDIN ANSARI** and **MOHAMMAD ILIYAS IMRAN WAIKAR** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place:-Karad

Date:- 15/05/2023



Amange
15.05.23
Miss. Jirange A.G

(Project Guide)

Assistant Professor,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad

Shri. Mulla A.A
20/5/2023

External Examiner/s
(Project Guide)

(Shri. Mulla. A.A)

(Head of Department)

Head,
Department of Computer Science,
Yashwantrao Chavan College of Science,
Karad



(Principal)
Principal
Yashwantrao Chavan College
of Science, Karad.

**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD**
DEPARTMENT OF COMPUTER SCIENCE
CERTIFICATE

This is to certify that the project report entitled **COMPUTER HARDWARE SHOP MANAGEMENT** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **DUBAL DIPTI SUDHAKAR** and **DESHMUKH PRITI ANKUSH** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10.05.2023

External Examiner/s



10/05/23

Miss. S. R. Pawar

(Project Guide)

Assistant Professor,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

(Shri. A. A. Mulla)

Head

Department of Computer Science
Yashwantrao Chavan College of Science,
Karad



Principal
Yashwantrao Chavan College
of Science, Karad.

**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **WASTE FOOD MANAGEMENT SYSTEM** being submitted here with for the award of **BATCHLOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **MOHIRE OM ANIL** and **MANE SHRINATH SADASHIV** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.



Miss. S. R. Pawar

(Project Guide)


Assistant Professor,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

Place: Karad

Date: 20-05-2023


External Examiner/s



(Shri. A. A. Mulla)

Head
Department of Computer Science
Yashwantrao Chavan College of Science
Karad



Principal
Yashwantrao Chavan College
of Science, Karad.

**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE,

CERTIFICATE

This is to certify that the project report entitled **ONLINE CRUISE
TICKET BOOKING** being submitted herewith for the award of **BACHELOR
OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND
TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original
research work completed by **SHEDAGE SAHIL TANAJI** and **POL SUSHANT
YASHWANT** under my supervision and guidance and to the best of my
knowledge and belief, the work embodied in this project report has not formed
earlier the basis for the award of any degree or similar title of this or any other
University or examining body.

Place: Karad

Date: 10/10/2023

External Examiner/s



(Handwritten Signature)
10/10/2023

Mrs. A. V. Nalawade

(Project Guide)

Assistant Professor,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

(Handwritten Signature)
(Shri. A. A. Mulla)

Head,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

Yashwantrao Chavan College of Science,
Karad



(Handwritten Signature)
Principal
Yashwantrao Chavan College
of Science, Karad.


**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD
DEPARTMENT OF COMPUTER SCIENCE
CERTIFICATE**

This is to certify that the project report entitled AIRLINES RESERVATION SYSTEM being submitted herewith for the award of BACHELOR OF SCIENCE in COMPUTER SCIENCE under the Faculty of SCIENCE AND TECHNOLOGY of Shivaji University, Kolhapur is the result of the original research work completed by MISS.DESAI PALLAVI SHARADCHANDRA and MISS.PATIL SHIVANI RAVINDRA under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10.05.23




Mrs. A.V. Nalawade

(Project Guide)
Assistant Professor,

Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.


External Examiner/s


(Shri. A. A. Mulla)

Head Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.

Head
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad




Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **ONLINE FURNITURE SHOPPING** being submitted herewith for the award of **BACHELOR in COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **DESHMUKH ISHWAR LAXMAN** and **PATIL ASHITOSH ANIL** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place : Karad

Date : 10/05/2023


10/05/23
Miss. Pawar S.R.

(Project Guide)

Assistant Professor

Department Of Computer Science

Yashwantaro Chavan College Of Science, Karad


External Examiner/s




(Shri. A. A. Mulla)

(Head Of Department)

Department Of Computer Science

Yashwantaro Chavan College Of Science, Karad

Head
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad

Principal

Yashwantrao Chavan College
of Science, Karad.



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **TOURS AND TRAVELS MANAGEMENT SYSTEM** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **KSHIRSAGAR GAURAV SHRIKANT** and **KASHID VARUNKUMAR SANJAY** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place : Karad

Date : 10/05/23


10/05/23

Mrs V.A.Mali

(Project Guide)

Assistant Professor

Department Of Computer Science

Yashwantrao Chavan College Of Science, Karad



External Examiner /





(Shri. A. A. Mulla)

Head Of

Department Of Computer Science

Yashwantrao Chavan College Of Science, Karad

Head

Department of Computer Science
Yashwantrao Chavan College of Science,
Karad





Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **AIRLINE RESERVATION SYSTEM** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY**

of Shivaji University, Kolhapur is the result of the original research work completed by **CHAVAN JAGDISH VINAYAK and CHAVAN PRATIK PRAMOD** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10/05/2023

External Examiner/s

Signature
10/05/23

Miss. S. R. Pawar

(Project Guide)

Assistant Professor,

Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.



(Shri. A. A. Mulla)

Head of Department,

Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.

Head
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad



Signature
Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **ONLINE JOB PORTAL** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **JAMALE NEHA BAJIRAO** and **PAWAR AKANKSHA VIJAYSINH** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10/05/2023



V. A. Mali
10/05/23
Mrs. V. A. MALI

(Project Guide)

Assistant Professor,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

[Signature]
External Examiner/s

[Signature]
(Shri. A. A. Mulla)

Head of Department

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

Department of Computer Science
Yashwantrao Chavan College of Science,
Karad



[Signature]
Principal
Yashwantrao Chavan College
of Science, Karad.

**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **ONLINE DISH TV RECHARGE** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **DEVKAR PRAJWAL SURESH** and **MANE SANGRAM UADYSING** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10-05-2022

External Examiner is



Mrs. MALI.V.A
10/05/22
Mrs. MALI.V.A

(Project Guide)

Assistant Professor,

Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.

(Shri. A. A. Mulla)
(Shri. A. A. Mulla)

(Head of Department)

Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.

Head

Department of Computer Science
Yashwantrao Chavan College of Science,
Karad



(Principal)
Principal
Yashwantrao Chavan College
of Science, Karad.

**YASHWAN.TRAO CHAVAN
COLLEGE OF SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **NURSERY PLANT MANAGEMENT SYSTEM** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **MISS.JADHAV PRANALI ANIL** and **MISS.JADHAV SAYALI HANMANTRAO** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10/05/2023



Mrs. Nalawade A.V.

(Project Guide)

Assistant Professor,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

External Examiner/s

(Shri. A. A. Mulla)

Head Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

Head
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad.



Principal
Yashwantrao Chavan College
of Science, Karad.

**YASHWANTRAO CHAVAN
COLLEGE OF SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE


CERTIFICATE

This is to certify that the project report entitled **ONLINE ANIMAL FEED BOOKING** being submitted herewith for the award of **BACHELOR OF SCIENCE in COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **SALUNKHE AJAY SAMBHAJI** and **SALUNKHE SUSHANT SUNIL** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10/05/23

External Examiner/s


Mrs. Jirange A.G.

(Project Guide)


Assistant Professor,

Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.


(Shri. A. A. Mulla)

Head of Department,
Department of Computer Science,
Yashwantrao Chavan College of Science, Karad.




Principal,
Yashwantrao Chavan College
of Science, Karad.

**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **ONLINE CAR BOOKING** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **BHUJBAL PRANAY YASHWANT** and **JADHAV SANKET RAMCHANDRA** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10-5-2023

Review
10/05/23

Miss. S. R. Pawar

(Project Guide)

Assistant Professor,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.



[Signature]

External Examiner/s

[Signature]
(Shri. A. A. Mulla)

Head of Department,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

Head
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad.



[Signature]
Principal
Yashwantrao Chavan College of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **ONLINE BUS SMART CARD SERVICE** being submitted here with for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **WADATE TEJAS VINOD** and **VARKAD AADESH ANIL** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10/05/2023



Miss. S. G. Padyal

(Project Guide)

Assistant Professor,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.



External Examiner/s



(Shri. A. A. Mulla)

Head of Department,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

Head

Department of Computer Science

Yashwantrao Chavan College of Science,

Karad



Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **RAILWAY RESERVATION** being submitted herewith for the award of **BATCHLOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **CHAITANYA DURYODHAN MALAVE** and **VAIBHAV CHANDRAKANTPURI GOSAVI** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10-8-23

External Examiner/s




10/08/2023
Mrs. A. V. Nalawade

(Project Guide)

Assistant Professor,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.


(Shri. A. A. Mulla)


Head,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

Yashwantrao Chavan College of Science,
Karad




Principal
Yashwantrao Chavan College
of Science, Karad.

**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **ONLINE COURIER SERVICE** being submitted herewith for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **SURVE SHUBHAM JAGANNATH SURVE** and **SHEJWAL MAYUR SURYAKANT** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10.05.2023

External Examiner/s



A. G. Jiranage
10.05.23
Miss. A. G. Jiranage

(Project Guide)

Assistant Professor,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

(Shri. A. A. Mulla)
(Shri. A. A. Mulla)

Head of

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

Department of Computer Science
Yashwantrao Chavan College of Science,
Karad



(Signature)
Principal
Yashwantrao Chavan College
of Science, Karad.

**YASHWANTRAO CHAVAN COLLEGE
OF SCIENCE, KARAD**

DEPARTMENT OF COMPUTER SCIENCE

CERTIFICATE

This is to certify that the project report entitled **STOCK MANAGEMENT SYSTEM** being submitted here with for the award of **BACHELOR OF SCIENCE** in **COMPUTER SCIENCE** under the Faculty of **SCIENCE AND TECHNOLOGY** of Shivaji University, Kolhapur is the result of the original research work completed by **KALANTRE NIKITA HINDURAO** and **MORE AACHAL PANDIT** under my supervision and guidance and to the best of my knowledge and belief, the work embodied in this project report has not formed earlier the basis for the award of any degree or similar title of this or any other University or examining body.

Place: Karad

Date: 10/05/2023



Mrs. V.A. Mali

(Project Guide)

Assistant Professor,

Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

External Examiner/s

(Shri. A. A. Mulla)

Head Department of Computer Science,

Yashwantrao Chavan College of Science, Karad.

Head
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad



Principal
Yashwantrao Chavan College
of Science, Karad.

Estd

1958



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



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Department of Electronics

(2324)

Yashwantrao Chavan College of Science, Karad

Department Of Electronics

CERTIFICATE

This is to certify that, the project work entitled *Humidity and Temperature sensor* which is submitted by,

Mr. ADITYA KRISHNAT GURAV

Mr. SAIRAJ DNYANESHWAR TODKAR

Mr. ZAREKAR SANKET SUBHASH

in the partial fulfillment of the requirement for the award of the degree of
"Bachelor of Science in Electronics" of Shivaji University, Kolhapur is the
record of their own work carried out under my guidance year 2022-23.

Place - Karad

Date - 22/5/2023.

Smt. Sarvade .M.P.

(Project Guide)

Examiner

Head of Department



Principal
Yashwantrao Chavan College
of Science, Karad.

YashwantraoChavan College of Science, Karad

Department Of Electronics



This is to certify that, the project work entitled **“AUTOMATIC RAIN SENSOR WIPER”** which is submitted by,

Mr. Salunkhe Pratik Niranjana (Roll No:-3310)

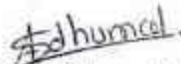
Mr. Desai Shriyash Sambhaji (Roll No:-3311)

Mr. Kharade Baljit (Roll No:-3029)

in the partial fulfillment of the requirement for the award of the degree of **“Bachelor of Science in Electronics”** of **Shivaji University, Kolhapur** is the record of their own work carried out under my guidance year 2022-2023.

Place – Karad

Date – 22/05/2023


Smt. Dhumal A.S

(Project Guide)


Head of Department


Examiner




Principal
Yashwantrao Chavan College
of Science, Karad.

Estd

1958



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



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Department of Zoology
(2324)

A Project Report
On

"STUDY OF ZOOPLANKTONS AND PHYTOPLANKTONS
OF KRISHNA RIVER NEAR PRETISANGAM"

Submitted to
SHIVAJI UNIVERSITY, KOLHAPUR.



Yashwantrao Chavan College Of Science, Vidyanagar, Karad.
Department of Zoology
B.Sc. III
Year 2023-2023

SR NO	NAME OF STUDENTS	ROLL NO	EXAM SEAT NO
1	Niyanta Arun Kore	3331	38529
2	Saniya Ramjan Shikalgar	3333	38531
3	Piyusha Manohar Kolekar	3332	38528



Under the Guidance
Mrs. T. V. Madane
MSc.BEd


Principal
Yashwantrao Chavan College
of Science, Karad.

SHREE SHIVAJI UNIVERSITY
YASHWANTRAO CHAVAN COLLEGE OF
SCIENCE, KARAD
DEPARTMENT OF ZOOLOGY
CERTIFICATE

This is to certify that Miss.Niyanka Arun Kore has completed the project on "STUDY OF ZOOPLANKTONS AND PHYTOPLANKTONS OF KRISHNA RIVER NEAR PRITISANGAM" for fulfillment of practical work prescribed in Shivaji university Kolhapur zoology under guidance during the year 2022-23


PROJECT GUIDANCE


EXAMINER


HEAD OF
DEPARTMENT

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD




Principal
Yashwantrao Chavan College
of Science, Karad.



A Project Report
On

STUDY OF ZOOPLANKTONS AND PHYTOPLANKTONS
OF KRISHNA RIVER NEAR PRITISANGAM

Submitted to
SHIVAJI UNIVERSITY, KOLHAPUR.



Yashwantrao Chavan College Of Science, Vidyanagar, Karad.
Department of Zoology
B.Sc. III
Year 2022-2023

SR NO	NAME OF STUDENTS	ROLL NO	EXAM SEAT NO
1	Piyusha Manohar Kolekar	3332	38528
2	Saniya Ramjan Shikalgar	3333	38531
3	Niyanta Arun Kore	3331	38529



Under the Guidance

Mrs. T. V. Madane

MSc.BEd

Principal
Yashwantrao Chavan College
of Science, Karad

SHREE SHIVAJI UNIVERSITY
YASHWANTRAO CHAVAN COLLEGE OF
SCIENCE, KARAD

DEPARTMENT OF ZOOLOGY

CERTIFICATE

This is to certify that Miss.Piyusha Manohar Kolekar has completed the project on "STUDY OF ZOOPLANKTONS AND PHYTOPLANKTONS OF KRISHNA RIVER NEAR PRITISANGAM" for fulfillment of practical work prescribed in Shivaji university Kolhapur zoology under guidance during the year 2022-23


PROJECT GUIDANCE


EXAMINER


HEAD OF
DEPARTMENT

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

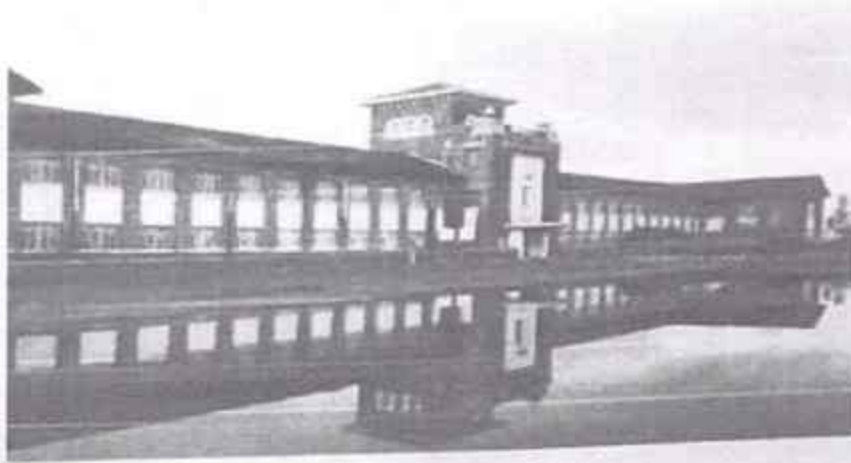



Principal
Yashwantrao Chavan College
of Science, Karad.

A Project Report
On

STUDY OF ZOOPLANKTONS AND PHYTOPLANKTONS
OF KRISHNA RIVER NEAR PRITISANGAM

Submitted to
SHIVAJI UNIVERSITY, KOLHAPUR.



Yashwantrao Chavan College Of Science, Vidyanagar, Karad.
Department of Zoology
B.Sc. III
Year 2022-2023

SR NO	NAME OF STUDENTS	ROLL NO	EXAM SEAT NO
1	Saniya Ramjan Shikalgar	3333	38531
2	Piyusha Manohar Kolekar	3332	38528
3	Niyanta Arun Kore	3331	38529



Under the Guidance
Mrs. T. V. Madane
MSc.BEd


Principal
Yashwantrao Chavan College
of Science, Karad.

SHREE SHIVAJI UNIVERSITY
YASHWANTRAO CHAVAN COLLEGE OF
SCIENCE, KARAD
DEPARTMENT OF ZOOLOGY
CERTIFICATE

This is to certify that Miss. Saniya Ramjan Shikalgar has completed the project on "STUDY OF ZOOPLANKTONS AND PHYTOPLANKTONS OF KRISHNA RIVER NEAR PRITISANGAM" for fulfillment of practical work prescribed in Shivaji university Kolhapur zoology under guidance during the year 2022-23



PROJECT GUIDANCE


EXAMINER


HEAD OF
DEPARTMENT

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD




Principal
Yashwantrao Chavan College
of Science, Karad.

A project report

on

"INSECT BIODIVERSITY IN COLLEGE CAMPUS"

Submitted to

SHIVAJI UNIVERSITY KOLHAPUR



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF ZOOLOGY

B. Sc. - III

YEAR 2022 - 2023

Sr. No	Name of Student	Roll No	Exam Seat No
1.	Miss. Ambawade Priya Ananda	3336	38525
2.	Miss Mali Sonali Ramchandra	3337	38530
3.	Mrs. Gurav Rupali Rajendra	3341	38527

Under the Guidance of

Mrs. Mulla. K. C.

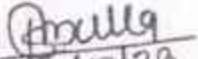
(M.Sc. B.ED)

Principal
Yashwantrao Chavan College
of Science, Karad.



Shivaji University, Kolhapur
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE
KARAD
DEPARTMENT OF ZOOLOGY
CERTIFICATE

This is to certify that, Miss. Ambawade Priya Ananda of B. Sc. Part III has satisfactorily completed the "project on Insect biodiversity in my surrounding" for fulfillment of B.Sc. IIIrd practical work prescribed in Shivaji University Zoology Syllabus.


13/5/23
Department of Zoology


Head

Department of Zoology


External Examiner




Principal
Yashwantrao Chavan College
of Science, Karad.

A project report
on
"INSECT BIODIVERSITY IN COLLEGE CAMPUS"

Submitted to

SHIVAJI UNIVERSITY KOLHAPUR



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF ZOOLOGY

B. Sc. - III

YEAR 2022 - 2023

Sr. No	Name of Student	Roll No	Exam Seat No
1.	Miss Mali Sonali Ramchandra	3337	38530
2.	Miss. Ambawade Priya Ananda	3336	38525
3.	Mrs. Gurav Rupali Rajendra	3341	38527

Under the Guidance of

Mrs. Mulla. K. C.

(M.Sc. B.ED)



Principal
Yashwantrao Chavan College
of Science

Shivaji University, Kolhapur
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE
KARAD
DEPARTMENT OF ZOOLOGY
CERTIFICATE

This is to certify that, Miss Mali Sonali Ramechandra of B. Sc. Part III has satisfactorily completed the "project on Insect biodiversity in my surrounding" for fulfillment of B.Sc. IIIrd practical work prescribed in Shivaji University Zoology Syllabus.

Mali Sonali
13/5/23

Department of Zoology

[Signature]
Head

Department of Zoology

[Signature]

External Examiner

[Signature]

Principal
Yashwantrao Chavan College
of Science, Karad.



A

PROJECT REPORT ON

Diversity of Fresh Water Fishes from Karad Tahsil of
Satara District, Maharashtra, India

Submitted to

SHIVAILUNIVERSITY OF KOLHAPUR.



Yashwantrao Chavan College of Science Vidyanagar,

Karad.

Department of Zoology

B.Sc. III

Year 2022-23

Sr.No	Name Of Student	Roll No.	Exam No.
1.	Mr. Aniket Maruti Yadav	3338	
2.	Mr. Suraj anandrao Shinde	3339	38522
3.	Miss . Megha Ramchndra Chavan	3340	



Under Guidance of

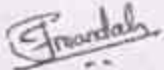
Mrs. Madane . T .

Principal
Yashwantrao Chavan College
of Science, Karad.

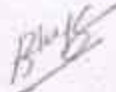
Shree Shivaji Education, Karad
Yashwantrao Chavan College Of Science,
Karad

Department Of Zoology

This is to certify that Mr. Aniket Maruti Yadav his completed the project on
"Diversity Of Fresh Water Fishes from to Karad Tahsil of Satara District,
Maharashtra State India" for fulfillment of practical work prescribed in Shivaji
University Kolhapur Zoology under guidance. during the Year 2022-23



Project Guide



Examiner



Head

Dept..Of Zoology

Yashwantrao Chavan College of Science Karad.





Principal
Yashwantrao Chavan College
of Science, Karad.

Shree Shivaji Education, Karad
Yashwantrao Chavan College Of Science,
Karad
Department Of Zoology

This is to certify that Mr.Suraj Anandrao Shinde his completed the project on "Diversity Of Fresh Water Fishes from to Karad Tahsil of Satara District, Maharashtra State India" for fulfillment of practical work prescribed in Shivaji University Kolhapur Zoology under guidance. during the Year 2022-23

F. Mandale

Project Guide

Shinde

Examinar

[Signature]

Head

Dept..Of Zoology

Yashwantrao Chavan College of Science Karad.



[Signature]

Principal
Yashwantrao Chavan College
of Science, Karad.

A project report

on

"INSECT BIODIVERSITY IN COLLEGE CAMPUS"

Submitted to

SHIVAJI UNIVERSITY KOLHAPUR



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF ZOOLOGY

B. Sc. - III

YEAR 2022 - 2023


Sr. No	Name of Student	Roll No	Exam Seat No
1.	Mrs. Gurav Rupali Rajendra	3341	38527
2.	Miss. Ambawade Priya Ananda	3336	38525
3.	Miss Mali Sonali Ramchandra	3337	38530

Under the Guidance of

Mrs. Mulla. K. C.

(M.Sc. B.ED)




Principal
Yashwantrao Chavan College
of Science

Shivaji University, Kolhapur
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE
KARAD

DEPARTMENT OF ZOOLOGY

CERTIFICATE

This is to certify that, Mrs. Gurav Rupali Rajendra of B. Sc. Part III has satisfactorily completed the "project on Insect biodiversity in my surrounding" for fulfillment of B.Sc. IIIrd practical work prescribed in Shivaji University Zoology Syllabus.

Arulla
13/5/23

Department of Zoology

[Signature]
Head 18/5/23

Department of Zoology

[Signature]

External Examiner



[Signature]

Principal
Yashwantrao Chavan College
of Science, Karad.

A

PROJECT REPORT ON

**Diversity of Fresh Water Fishes from Karad Tahsil of
Satara District, Maharashtra, India**

Submitted to

SHIVAJI UNIVERSITY OF KOLHAPUR.



Yashwantrao Chavan College of Science Vidyanagar,

Karad.

Department of Zoology

B.Sc. III

Year 2022-23

Sr.No	Name Of Student	Roll No.	Exam No.
1.	Miss . Megha Ramchndra Chavan	3340	28526
2.	Mr. Suraj anandrao Shinde	3339	
3.	Mr.Aniket Maruti Yadav	3338	

Under Guidance of

Mrs. Madane . T . Y




Principal
Yashwantrao Chavan College
of Science, Karad.

Shree Shivaji Education, Karad
Yashwantrao Chavan College Of Science,
Karad

Department Of Zoology

This is to certify that Miss . Megha Ramchandra Chavan his completed the project on "Diversity Of Fresh Water Fishes from to Karad Tahsil of Satara District, Maharashtra State India" for fulfillment of practical work prescribed in Shivaji University Kolhapur Zoology under guidance. during the Year 2022-23

Pranab
19/5/23

Project Guide

Pranab
Examinar

[Signature]
Head 19/5/23

Dept..Of Zoology

Yashwantrao Chavan College of Science Karad.



[Signature]
Principal
Yashwantrao Chavan College
of Science

Estd

1958



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



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Department of Statistics

(2324)

Estd

1958



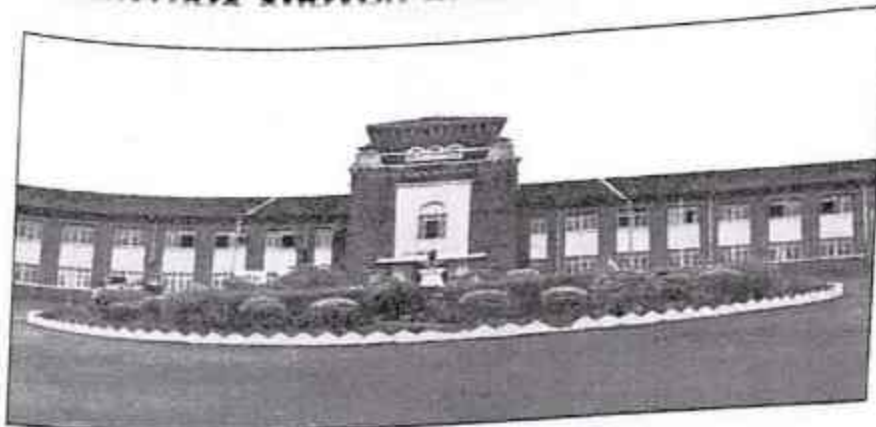
Shri Shivaji Education Society's
Board for Higher Education Vidyanagar, Karad



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Department of Chemistry
(2324)

**SHIVAJI SHIKSHAN SANSTHA'S
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD**



UNDER SHIVAJI UNIVERSITY, KOLHAPUR

B.Sc. - III

A PROJECT REPORT ON

" CORROSION OF IRON "

[USING VARIOUS CONCENTRATIONS OF SULFURIC ACID (H_2SO_4)]

SUBMITTED BY

SR.NO	STUDENT NAME	ROLL NO	EXAM SEAT NO
1	PATIL SHRUTI RAJARAM	3098	
2	PATIL DHANASHRI SUBHASH	3091	
3	PALASE POOJA SHANKAR	3086	
4	NIGADE SANDHYA RAJU	3084	
5	NIKAM SANJANA MOHAN	3085	
6	NALAWADE PRATIKSHA RAJENDRA	3081	
7	PATIL AKSHATA MARUTI	3088	

UNDER THE GUIDANCE OF

Dr.B.E.MAHADIK

DEPARTMENT OF CHEMISTRY

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE KARAD

(2022-2023)




Principal
Yashwantrao Chavan College
of Science, Karad.

**YASHWANTRAO CHAVAN COLLEGE OF SCIENCE,
KARAD**

Department of Chemistry

CERTIFICATE

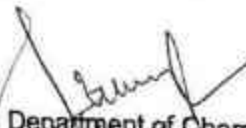
This to certify that,

Sr.no	Name of the student	Roll No
1	PATIL SHRUTI RAJARAM	3098
2	PATIL DHANASHRI SUBHASH	3091
3	PALASE POOJA SHANKAR	3086
4	NIGADE SANDHYA RAJU	3084
5	NIKAM SANJANA MOHAN	3085
6	NALAWADE PRATIKSHA RAJENDRA	3081
7	PATIL AKSHATA MARUTI	3088

Have submitted the project entitled "CORROSION OF IRON" for the year 2022-23. This project is carried out under my guidance and supervision. With the best my knowledge this is original work and submitted for the degree of B.SC. III Chemistry of Shivaji University Kolhapur. This work present bonafied work of student.


Dr.B.E. Mahadik
Department of chemistry
Place: Karad




Head Department of Chemistry
Department of Chemistry
Yashwantrao Chavan College of
Science, Karad




Principal

Yashwantrao Chavan College
of Science, Karad.

DECLARATION

We have undersigned here by declare that project entitled "Corrosion of Iron using various concentrations of sulfuric acid (H_2SO_4)" written and submitted by us. We further declare that empirical result in this project is based on the data collected by us. We have understood it is liable to be punished as the authorized deem fill.

Date:

Place: Karad

Sr.no	Name of students	Roll no.	Exam seat no	Sign
1	Patil Shruti Rajaram	3098		<i>Shruti Patil</i>
2	Patil Dhanashri Subhash	3091		<i>Patil</i>
3	Palase Pooja Shankar	3086		<i>Palase</i>
4	Nigade Sandhya Raju	3084		<i>Nigade</i>
5	Nikam Sanjana Mohan	3085		<i>Nikam</i>
6	Nalawade Pratiksha Rajendra	3081		<i>Nalawade</i>
7	Patil Akshata Maruti	3088		<i>Patil</i>



[Signature]
Principal
Yashwantrao Chavan College
of Science, Karad.

[Signature]

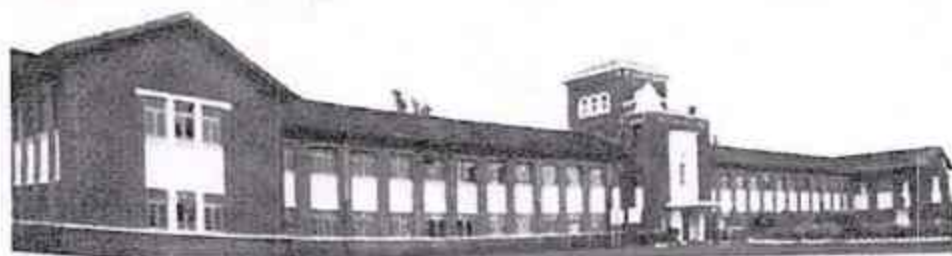
A Project Report On

"Production Of Bioplastics From Banana Peels"

Submitted To Department of

Chemistry

Yashwantrao Chavan College Of Science, Karad



Submitted by,

Sr.No.	Name of the Student	Roll.No.
1	Phalle Soham Vinayak	3116
2	Raut Shranik Chandrakant	3119
3	Pawar Saurabh Sambhaji	3111
4	Patil Utakarsh Vikas	3101
5	Phadtare Amar Machindra	3115
6	Patil Vishawaraj Sajivant	3104

Under the Guidance Of

Mr.G.B.Dhake

Department of Chemistry

Yashwantrao Chavan College of Science, Karad

(Year 2022-23)



Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Department Of Chemistry

CERTIFICATE

This is to certify that

Sr.No.	Name of the Student	Roll.No.
1	Phalle Soham Vinayak	3116
2	Raut Shranik Chandrakant	3119
3	Pawar Saurabh Sambhaji	3111
4	Patil Utkarsh Vikas	3101
5	Phadtare Amar Machindra	3115
6	Patil Vishwaraj Sajivant	3104

We have submitted the project entitled "Production Of Bioplastics From Banana Peels" for the year 2022-23. This project is carried out under my guidance and supervision. With the best of my knowledge this original work is submitted for the degree of B.Sc.III Chemistry of Shivaji University Kolhapur. This work presents bonafied work of student.

Mr. G. B. Dhake

Department of chemistry

Place: Karad



Head Department of chemistry
Department of Chemistry
Yashwantrao Chavan College of
Science, Karad

Date



Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Department of Chemistry

DECLARATION

This is to certify that,

Sr.No.	Name of the Student	Roll.No.
1	Phalle Soham Vinayak	3116
2	Raut Shranik Chandrakant	3119
3	Pawar Saurabh Sambhaji	3111
4	Patil Utkarsh Vikas	3101
5	Phadtare Amar Machindra	3115
6	Patil Vishwaraj Sajivant	3104

We have submitted the project entitled "Production Of Bioplastics From Banana Peels" for the year 2022-23. The project was carried out under my guidance and supervision.


Principal
Yashwantrao Chavan College
of Science, Karad.


Mr. G. B. Dhake

Project Guide

Place :

Date :



Project Report

On

"Kjeldahl Method for Determination of Nitrogen"

Submitted To

Department of Chemistry

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.



Submitted By,

Sr.No.	Name of the Student	Roll No.
1	Kurkute Atharva Vitthal	3061
2	Lad Prakash Sanjay	3062
3	Lohar Vishal Bhagvat	3063
4	Mahadik Abhijeet Sanjay	3064
5	Mahind Avadhut Shrirang	3065
6	Malave Pranali Vaman	3066
7	Mali Kishori Shankar	3068
8	Mali Pankaj Shivaji	3069
9	Mane Harshada Kalyan	3070
10	Mane Yash Mahendra	3072
11	Mohite Raviraj Dadaso	3076
12	More Jyoti Kishor	3077
13	More Nivas Balaram	3078
14	Mulla Hasina Ramjan	3079
15	Mulla Sana Nurmahanmmad	3080

Under Guidance Of

Mr. R. S. Patil

Department of Chemistry

Yashwantrao Chavan College Of Science, Karad

{Year - 2022-23}



Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD
Department of Chemistry

CERTIFICATE

This is to certify that,

Sr.No.	Name of the Student	Roll No.
1	Kurkute Atharva Vitthal	3061
2	Lad Prakash Sanjay	3062
3	Lohar Vishal Bhagvat	3063
4	Mahadik Abhijeet Sanjay	3064
5	Mahind Avadhut Shrirang	3065
6	Malave Pranali Vaman	3066
7	Mali Kishori Shankar	3068
8	Mali Pankaj Shivaji	3069
9	Mane Harshada Kalyan	3070
10	Mane Yash Mahendra	3072
11	Mohite Raviraj Dadaso	3076
12	More Jyoti Kishor	3077
13	More Nivas Balaram	3078
14	Mulla Hasina Ramjan	3079
15	Mulla Sana Nurmahanmmad	3080

Have submitted the project entitled "Kjeldahl Method for Determination of Nitrogen" for the year 2022-23. This project is carried out under my guidance and supervision. With the best my Knowledge this original work and submitted for the degree of B.Sc.III Chemistry of Shivaji University Kolhapur. This works present bonafied work of student.


Mr. R. S. Patil

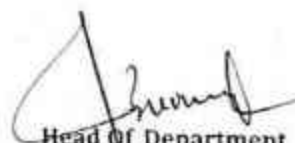
Department Of Chemisrty
Place :

Date :


Principal

Yashwantrao Chavan College
of Science, Karad




Head of Department
Head

Department of Chemistry
Yashwantrao Chavan College of
Science, Karad



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Department of Chemistry

DECLARATION

This is to certify that,

Sr.No.	Name of the Student	Roll No.
1	Kurkute Atharva Vitthal	3061
2	Lad Prakash Sanjay	3062
3	Lohar Vishal Bhagvat	3063
4	Mahadik Abhijeet Sanjay	3064
5	Mahind Avadhut Shrirang	3065
6	Malave Pranali Vaman	3066
7	Mali Kishori Shankar	3068
8	Mali Pankaj Shivaji	3069
9	Mane Harshada Kalyan	3070
10	Mane Yash Mahendra	3072
11	Mohite Raviraj Dadaso	3076
12	More Jyoti Kishor	3077
13	More Nivas Balaram	3078
14	Mulla Hasina Ramjan	3079
15	Mulla Sana Nurmahanmmad	3080

Have submitted the project entitled "Kjeldahl Method for Determination of Nitrogen" for the year 2022-23. The project was carried out under my guidance and supervision.



Mr. R. S. Patil

Project Guide

Place :

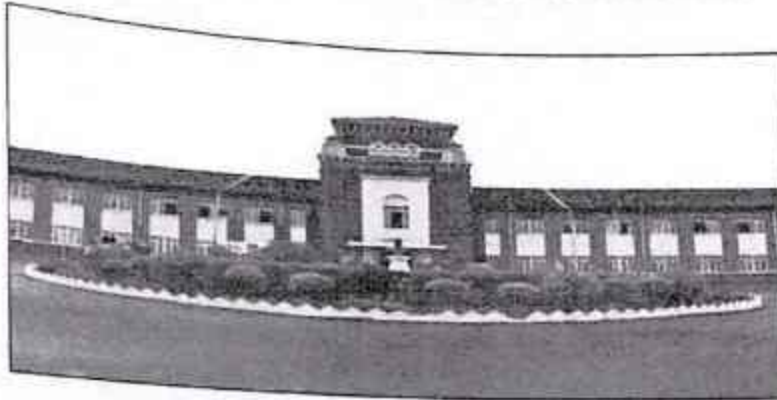
Date :



Principal
Yashwantrao Chavan College
of Science, Karad.



**SHIVAJI SHIKSHAN SANSTHA'S
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD**



UNDER SHIVAJI UNIVERSITY, KOLHAPUR

B.Sc. - III

A PROJECT REPORT ON

" ANALYSIS OF DIFFERENT TYPES OF ORES "

SUBMITTED BY

SR.NO	STUDENT NAME	ROLL NO	EXAM SEAT NO
1	Salunkhe Pranita Sanjay	3121	
2	Sapkal Sanika Dhanaji	3124	
3	Sapkal Supriya Sanjay	3125	
4	Shaikh Swaliya Mansur	3133	
5	Shedage Sanyogita Vijaya	3134	
6	Shelar Sneha Subhash	3135	
7	Shinde Gayatri Uday	3137	
8	Shivdas Neha Tanaji	3140	

UNDER THE GUIDANCE OF

Dr.U.P.LAD

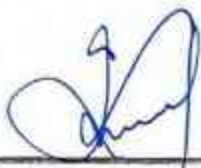
DEPARTMENT OF CHEMISTRY

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE KARAD

(2022-2023)



1


Principal
Yashwantrao Chavan College
of Science, Karad.

DECLARATION

We have undersigned here by declare that project entitled "ANALYSIS OF DIFFERENT TYPES OF ORES" written and submitted by us. We further declare that empirical result in this project is based on the data collected by us. We have understood it is liable to be punished as the authorized deem fill.

Date:

Place: Karad

Sr.no	Name of students	Roll no.	Exam seat no	Sign
1	Salunkhe Pranita Sanjay	3121		
2	Sapkal Sanika Dhanaji	3124		
3	Sapkal Supriya Sanjay	3125		
4	Shaikh Swaliya Mansur	3133		
5	Shedage Sanyogita Vijaya	3134		
6	Shelar Sneha Subhash	3135		
7	Shinde Gayatri Uday	3137		
8	Shivdas Neha Tanaji	3140		



Principal
Yashwantrao Chavan College
of Science, Karad.

Project Guide

Project Report

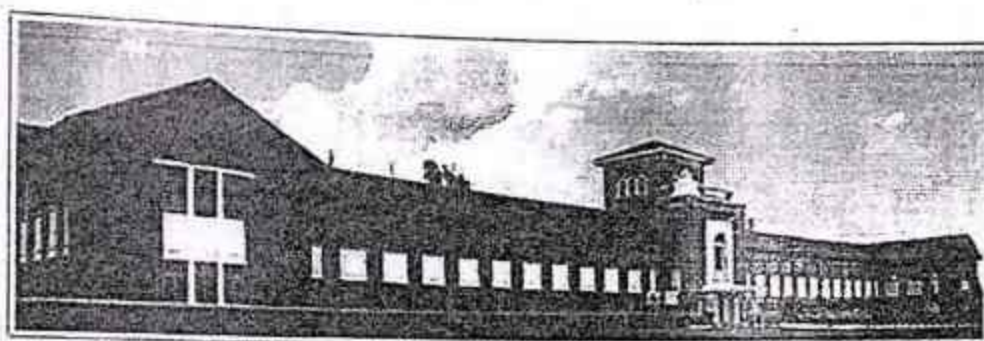
On

"Analysis of Alloy"

Submitted To

Department of Chemistry

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.



Submitted By,

Sr.No.	Name of the Student	Roll No.
1		

Under Guidance Of

Dr.U.P. Lad

Department of Chemistry

Yashwantrao Chavan College Of Science, Karad

{Year - 2022-23}




Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Department of Chemistry

CERTIFICATE

This is to certify that,

Sr.No.	Name of the Student	Roll No.
1		

Have submitted the project entitled "Analysis of Alloy" for the year 2022-23. This project is carried out under my guidance and supervision. With the best of my knowledge this original work is submitted for the degree of B.Sc.III Chemistry of Shivaji University Kolhapur. This work is a bona fide work of student.



Dr.U.P.Lad

Department Of Chemistry

External Examiner





Head Of Department
Head

Department of Chemistry
Yashwantrao Chavan College of
Science, Karad

Place :

Date :




Principal
Yashwantrao Chavan College of
Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

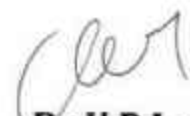
Department of Chemistry

DECLARATION

This is to certify that,

Sr.No.	Name of the Student	Roll No.	Sign.
1			

Have submitted the project entitled "Analysis Of Alloy" for the year 2022-23. The project was carried out under my guidance and supervision.



Dr.U.P.Lad

Project Guide

Place :

Date :



Principal
Yashwantrao Chavan College
of Science, Karad.



A Project report

On

"ANALYSIS OF DIFFERENT TYPES OF ORES"

Submitted to

Department of Chemistry

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.



Submitted by,

Sr.No.	Name of the Student	Roll No.
1	Salunkhe Pranita Sanjay	3121
2	Sapkal Sanika Dhanaji	3124
3	Sapkal Supriya Sanjay	3125
4	Shaikh Swaliya Mansur	3133
5	Shedage Sayogita Vijaya	3134
6	Shelar Sneha Subhash	3135
7	Shinde Gayatri Uday	3137
8	Shivdas Neha Tanaji	3140

Under Guidance of

Dr.U.P.LAD

(Year 2022-23)

Principal
Yashwantrao Chavan College
of Science, Karad.



YASHVANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Department of Chemistry

CERTIFICATE

This to certify that,

Sr.No.	Name of the Student	Roll No.
1	Salunkhe Pranita Sanjay	3121
2	Sapkal Sanika Dhanaji	3124
3	Sapkal Supriya Sanjay	3125
4	Shaikh Swaliya Mansur	3133
5	Shedage Sayogita Vijaya	3134
6	Shelar Sneha Subhash	3135
7	Shinde Gayatri Uday	3137
8	Shivdas Neha Tanaji	3140

have submitted the project entitled "ANALYSIS OF DIFFERENT TYPES OF ORES" for the year 2022-23. This project is carried out under my guidance and supervision. With the best my Knowledge this original work and submitted for the degree of B.Sc.III Chemistry of Shivaji University Kolhapur. This works present bonafied work of student.



Dr. U.P.LAD
18/05/23

Dr. U.P.LAD

Department of chemistry

Place : Karad



[Signature]
Head Department of chemistry
Head
Department of Chemistry
Yashwantrao Chavan College of
Science, Karad

[Signature]
Principal
Yashwantrao Chavan College
of Science, Karad.

YASHVANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Department of Chemistry

DECLARATION

This is to certify that,

Sr.No.	Name of the Student	Roll No.	Sign.
1	Salunkhe Pranita Sanjay	3121	
2	Sapkal Sanika Dhanaji	3124	
3	Sapkal Supriya Sanjay	3125	
4	Shaikh Swaliya Mansur	3133	
5	Shedage Sayogita Vijaya	3134	
6	Shelar Sneha Subhash	3135	
7	Shinde Gayatri Uday	3137	
8	Shivdas Neha Tanaji	3140	

have submitted the project entitled "ANALYSIS OF DIFFRENT TYPES OF ORES" for the year 2022-23. The project was carried out under my guidance and supervision.

Place : Karad

Date :



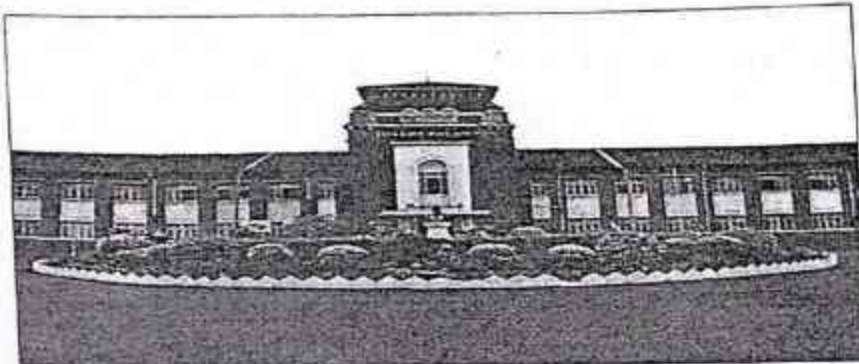
Dr. U.P. I. AD
Head

Department of Chemistry
Yashwantrao Chavan College of
Science, Karad



Principal
Yashwantrao Chavan College
of Science, Karad.

SHIVAJI SHIKSHAN SANSTHA'S
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD



UNDER SHIVAJI UNIVERSITY, KOLHAPUR

B.Sc. - III

A PROJECT REPORT ON

" CORROSION OF IRON "

[USING VARIOUS CONCENTRATIONS OF SULFURIC ACID (H_2SO_4)]

SUBMITTED BY

SR.NO	STUDENT NAME	ROLL NO	EXAM SEAT NO
1	PATIL SHRUTI RAJARAM	3098	
2	PATIL DHANASHRI SUBHASH	3091	
3	PALASE POOJA SHANKAR	3086	
4	NIGADE SANDHYA RAJU	3084	
5	NIKAM SANJANA MOHAN	3085	
6	NALAWADE PRATIKSHA RAJENDRA	3081	
7	PATIL AKSHATA MARUTI	3088	

UNDER THE GUIDANCE OF


Dr.B.E.MAHADIK

DEPARTMENT OF CHEMISTRY

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE KARAD

(2022-2023)



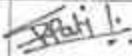


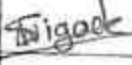

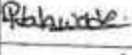
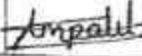

Principal
Yashwantrao Chavan College
of Science, Karad.

DECLARATION

We have undersigned here by declare that project entitled "Corrosion of Iron using various concentrations of sulfuric acid (H_2SO_4)" written and submitted by us. We further declare that empirical result in this project is based on the data collected by us. We have understood it is liable to be punished as the authorized deem fill.

Date:

Place: Karad

Sr.no	Name of students	Roll no.	Exam seat no	Sign
1	Patil Shruti Rajaram	3098		
2	Patil Dhanashri Subhash	3091		
3	Palase Pooja Shankar	3086		
4	Nigade Sandhya Raju	3084		
5	Nikam Sanjana Mohan	3085		
6	Nalawade Pratiksha Rajendra	3081		
7	Patil Akshata Maruti	3088		







Principal
Yashwantrao Chavan College
of Science, Karad

ACKNOWLEDGEMENT

We wish to convey our deep sense of gratitude to our project guide Dr. B.E. Mahadik Assistant Professor Department of Chemistry for his valuable guidance , Keen interest , excellent suggestion's and support during the course of this work .

We also extend my sincere thanks to Dr. S. H. Burungale Professor and Head of the Department of Chemistry for providing the laboratory facilities.

My sincere thanks are due to Principle Dr.S.B. Kengar for his constant encouragement.

we are especially thankful to the non-teaching members of this department for providing their valuable help in carrying out this project work.

Finally we would like to thank those who helped directly or indirectly in completion of this project.

Date: 11-5-23

Place: Karad



4


Principal
Yashwantrao Chavan College
of Science, Karad.

A Project report

On

"ANALYSIS OF CALCIUM IN DIFFERENT PHARMACEUTICAL SAMPLES"

Submitted to

Department of Chemistry

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.



Submitted by,

Sr.No.	Name of the Student	Roll No.
1	Suryavanshi Ketan Ganesh	3144
2	Suryavanshi Omkar Nandakumar	3145
3	Sutar Shubham Vikas	3147
4	Sutar Suraj Balaso	3148
5	Talugade Vishal Adhikrao	3149
6	Thorat Sagar Sanjay	3152

Under Guidance of

Dr. S. D. Jadhav

(Year 2022-23)



Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Department of Chemistry

CERTIFICATE

We certify that

Sl. No.	Name of the Student	Roll No.
1	Sudhanshu K. Patil	2121
2	Sudhanshu K. Patil	2122
3	Sudhanshu K. Patil	2123
4	Sudhanshu K. Patil	2124
5	Sudhanshu K. Patil	2125
6	Sudhanshu K. Patil	2126

have submitted the project entitled "ANALYSIS OF CALCIUM IN DIFFERENT PHARMACEUTICAL SAMPLES" for the year 2022-23. This project is carried out under my guidance and supervision. With the best of my knowledge this original work was submitted for the degree of B.Sc. III Chemistry of Marathwada University, Kolhapur. This work is present in the record of student.



Dr. S. D. Jadhav
Department of Chemistry

Place: Karad

External Examiners



Head Department of Chemistry

Head
Department of Chemistry
Yashwantrao Chavan College of
Science, Karad

Date: 11/05/23

Principal
Yashwantrao Chavan College
of Science, Karad.



Yashwantrao Chavan College Of Science Karad.

Department of chemistry

A

Project Report On

**"ANALYSIS OF CALCIUM IN DIFFERENT
PHARMECEUTICAL SAMPLES"**

SUBMITTED TO

Bachelor Of Science In chemistry

SUBMITTED BY

Sr.no	Name of the student	Roll No
1	Miss. Sakshi Sanjay Sawant	3128
2	Miss. Pooja Maruti shinde	3138


UNDER THE GUIDENCE OF

Mr.G.B.Dhake



**Yashwantrao Chavan college Of Science, Karad
(2022-2023)**




Principal
Yashwantrao Chavan College
of Science, Karad.

**Yashwantrao Chavan College of
Science, Karad**
Department Of Chemistry

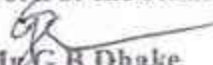


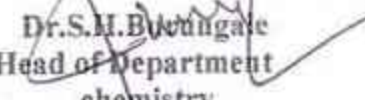
CERTIFICATE

This is to certify that,

Sr.no	Name of the student	Roll.no
1	Miss. Sakshi Sanjay Shinde	3128
2	Miss. Pooja Maruti Shinde	3138

Have successfully completed the project "Analysis Of calcium in Different pharmaceutical sample " for the partial fulfillment for the award of the degree of bachelor of science in chemistry under my supervision as per rules and regulations of yashwantrao chavan college of science, karad affiliated to Shivaji University , kolhapur during the academic year 2022-2023. this works present bonified work of the students.


Mr. G. B. Dhake
Department of chemistry
Assistant Professor


Dr. S. H. Bhatnagar
Head of Department
chemistry
Head
Department of Chemistry
Yashwantrao Chavan College of
Science, Karad

Place: Karad
Date:




Principal
Yashwantrao Chavan College
of Science, Karad.

DEPARTMENT OF CHEMISTRY

DECLARATION

This is to certified that,

Sr.no	Name of the student	Roll no
1	Miss. Sakshi Sanjay Sawant	3128
2	Miss. Pooja Maruti Shinde	3138

Have submitted the project entitled "Analysis of calci um in Different pharmaceutical sample" For the year 2022-2023. This project was carried out under my guidance and supervision.


Mr.G.B. Phake

Project Guide

Place: Karad

Date:




Principal
Yashwantrao Chavan College
of Science, Karad.

ACKNOWLEDGEMENT

I wish to convey my deep sense of gratitude to my project guide Mr.G.B.Dhake, Assistant professor, Department of chemistry, for his valuable guidance, keen interest, excellent suggestions and support during the course of this work.

I also extend my sincere thanks to Dr. S. H. Burungle, Head of Department of chemistry for providing the laboratory facilities.

My sincere thanks are due to Principle, Dr.S.B.kengar for his constant encouragement.

I am especially to the non-teaching members of this department for providing their valuable help in carrying out this project.

Finally I would like to thank who have helped directly or indirectly in completion of this project.

Sr.no	Name of the student	Roll no
1	Miss. Sakshi Sanjay Sawant	3128
2	Miss.Pooja Maruti Shinde	3138

Place: Karad

Date:




Principal
Yashwantrao Chavan College
of Science, Karad.

INDEX

Chapter No.	Content Name	Page No.
1	Introduction of calcium	1 To 5
2	Analysis of Calcium	6 To 8
3	Experimental Procedure	9 To 19
4	Results	20
5	Conclusion	21
6	Reference	22




Principal
Yashwantrao Chavan College
of Science, Karad.

Chapter - 1

Introduction of Calcium

Calcium accounts for 1 to 2 percent of adult human body weight over 99 percent of total body calcium is found in teeth and bones. The remainder is present in blood, extracellular fluid, muscle, and other tissues, where it plays a role in mediating vascular contraction and vasodilation, muscle contraction, nerve transmission, and glandular secretion.

In bone, calcium exists primarily in the form of hydroxyapatite ($\text{Ca}_5(\text{PO}_4)_3(\text{OH})$), and bone minerals is almost 40 percent of the weight of bone. Bone is a dynamic tissue that is constantly undergoing osteoclastic bone resorption and osteoclastic bone formation. Bone formation exceeds resorption in growing children, is balanced with resorption in healthy adults, and lags behind resorption after menopause and with again in men and women. Each year, a portion of the skeleton is remodelled (reabsorbed and replaced by new bone). The rate of cortical (or compact) bone remodelling can be as high as 50 percent per year in young children and is about 5 percent per year in adults (parfitt, 1988). Trabecular (or cancellous) bone remodelling is about five — fold higher then cortical remodelling in adults. The skeleton has an obvious structural role and it also serves as a reservoir for calcium.

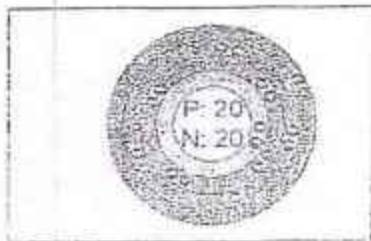
The group IIA of the periodic table contains the alkaline earth metals such as Ca, Sr, Ba and Ra. All the non metallic substances are insoluble in water and unchanged by five were called earths. Limes and magnesia showed alkaline reactions hence alkaline earths.

The name calcium is derived from latin word calas meaning lime was known as ear y as the first centuries when the ancient Romans prepared lime as CaO .

Atomic structure of Ca

II A Position of Ca in Periodic Table

Atomic structure of Ca



ii A Position of Ca in Periodic Table

Principal
Yashwantrao Chavan College
of Science, Karad.



Properties of Calcium


The tensile property of calcium metal are greatly affected by impurities and in the pure form by the methods of fabrication. Calcium metal works upon mechanical possessing. Bulk calcium is soft, crystalline metal. It may be readily extruded on heating to 420 - 460°C. X-ray diffraction pattern of calcium samples exists in only two allotropic form — face centered cubic and body centered cubic (464°C). according to Debye-Scherrer, Ca exists in three allotropic modifications i.e. α -Ca- face centered cubic, β -Ca-hexagonal close packed and γ -Ca- body centered cubic. It readily forms a white coating of nitride in air, reacts with water by forming $\text{Ca}(\text{OH})_2$, burns with a yellow red flame forming the largely the nitride. They are malleable, extrudable and machinable may be in rods, wires or plates. Calcium is cheapest of alkaline earth metals but more expensive than Sodium. Ca metal itself comes even in metallurgical work with some of its own compounds e.g. calcium silicide, calcium boride, calcium carbide, all of which are used as degasifiers, reductants and sources of calcium for alloys.

Physiological role

Daily body requirement is about 450 mg. The adult requirements of Ca vary. During pregnancy and lactation, there is greater depletion of Ca from the mother and the intake needs to be increased. On an average, 0 mg per kg of body weight per day should be sufficient.

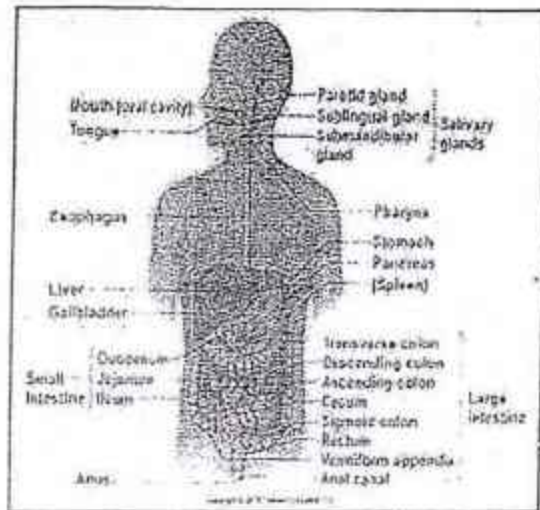
The Ca play an important role to maintain some important body functions such as

- i) Ca controls nerve excitability. The effect is mainly on the peripheral neuromuscular mechanism. Fibrillary twitching can be produced by perfusing a muscle with Ca free fluid. Automatic ganglia also become hyper irritable.
- ii) it is necessary for the maintenance of the integrity of the skeletal muscles. An increase in the ionized Ca results in an increase in contractility and vice versa.
- iii) It is very essential for maintaining the tone and contractility of heart. Ca is antidote to the depressant action of K.


Principal
Yashwantrao Chavan College
of Science, Karad.



- iv) It aids rennin in the coagulation of milk in the stomach.
- v) It is essential for the clotting of food. It decreases cellular permeability. It is therefore used in allergic conditions to diminish exudation which produces wheals and rushes. Ca appears to serve as a constituent of the intercellular cement.
- vi) Ca take part in the formation of certain tissues and bones. Normally 25 — 35% is excreted in the urine and the rest in the stools.



Calcium Deficiency

Calcium deficiency is a condition in which the body has an inadequate amount of calcium. Calcium is a mineral that is essential for many aspects of health, including the health of bones and also required for muscle contractions and relaxation, nerve and hormone function, and blood pressure regulation. Calcium must be ingested daily and absorbed effectively in order to maintain optimal health. Most people can get enough calcium by eating a variety of foods rich in calcium. Foods that naturally contain calcium include milk and other dairy products; green, leafy vegetables; seafood, nuts and dried beans. Calcium is also added to orange juice, breakfast cereals, breads, and other fortified food products. High dietary calcium intake is necessary for infants children and adolescents in order to promote bone growth and formation. Pregnant women also have higher calcium needs, because it is required for the normal

(Handwritten signature)



development of fetal bones . In addition women who have reached menopause need to ensure an adequate amount of calcium intake to reduce the risk of osteoporosis.

Pharmaceutical Samples:-

Cipeal (250g),calotrack,selcal-500, calcimaxfort, MYCAL-D

Cipla Ltd.

MRP:52.00 for 1 packet (5) (tablet each)

Composition

Vitamin D (12510) (calcium carbonate 625 mg)

Salt information

Vitamin D₃ (12510)

Typical usage :-

Vitamin D₃ is used for the prevention and treatment of vitamin D deficiency.

Side effects of vitamin D₃ are uncommon these may include too much calcium in the blood (hypocalcaemia) or urine (hyper caliuired) , leading to a feeling of sickness , loss of appetite: constipation, stomach ache , excessive thirst, muscle weakness, drownes or confusion.

Drug Interaction :-

When vitamin D₃ is used along with phenytoin, barbiturates or glucocorticoids, the effect of vitamin D₃ can be decreased . The effects of digitals and other cardiac glycoside may be increased when calcium is taken with vitamin D. Cholestyramine or paraffin oil may recue the gostrointes absorption of vitamin D.The anti-cancer drug actinomycin and drugs used to tread fungal infections may alter the vitamin D activity Always consult your physician for the change of dose regimen or an alternative drag of choice that may strictly be required.

Mechanism of action.

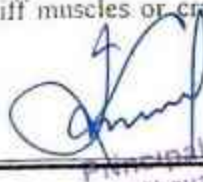
Vitamin D₃ increases the absorption of calcium and phosphorous that are vital in forming and maintaining Strong bones. It is also required in regulating call growth and maintaining a healthy immune system

Calcium Carbonate (625 mg)

Typical usage.

To relieve the symptoms of indigestion, hearbarn, acidity and gases. Side effects :-

Constipation, burping, loss of appetite, dry mouth. Metallic taste, high levels of blood calcium, disturbance in the body's acid / base balance (alkalosis), changes in blood chemistry may lead to symptoms such as tiredness, irritable or stiff muscles or cramp and indigestion may occur after stopping the medicine.



Principal
Yashwantrao Chavan College
of Science, Karad.



Drug Interaction

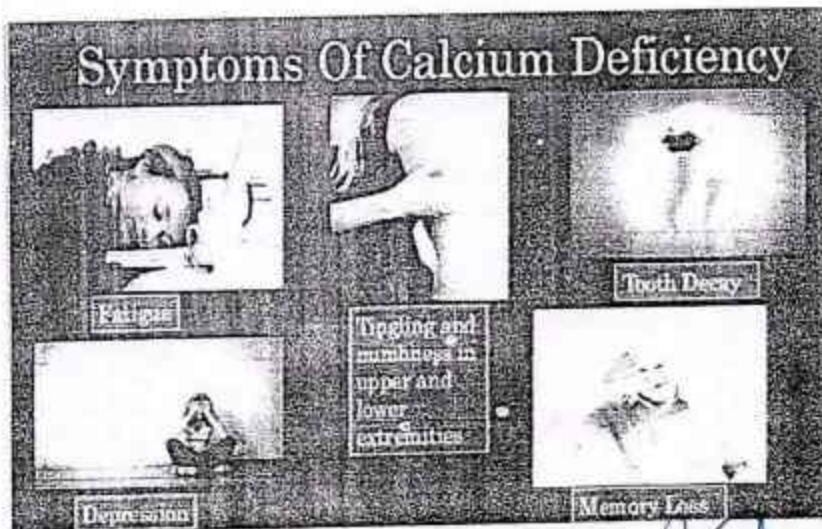
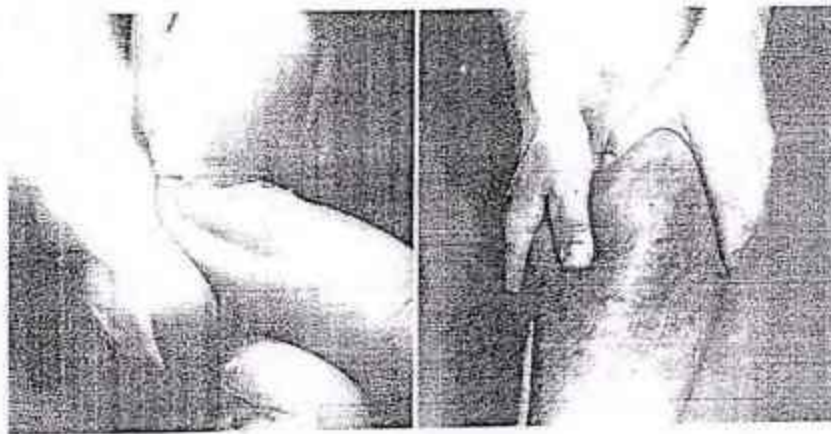
Taking calcium carbonate with thiazide diuretics (bendroflumethiazide, hydrochlorothiazide) or vitamin D may lead to high levels of blood calcium and disturb the body's acid / base balance. Calcium carbonate may also be an integrative drug of choice that may strictly be required.

Mechanism of action.

Calcium carbonate is an antacid which neutralizes excess acid in the stomach.

Interactions:-

Can I take epical (250mg) during pregnancy / studies in animals have shown risk to foetus. However there are no sufficient studies in humans. This drug may be used in pregnant women if benefit outweighs the risk. Patients should follow the advice of the doctor regarding its use.



Principal
Yashwantrao Chavan College
of Science, Karad

Chapter - 2 **Analysis of calcium**

Definition of Analysis:- The separating of any material or abstract entity into its constituent elements is called as Analysis.

Types of Analysis

Qualitative analysis

A qualitative analysis determines the presence or absence of a particular compound, but not the mass or concentration. By definition, qualitative analyses do not measure quantity.

Quantitative analysis

Gravimetric analysis

Gravimetric analysis involves determining the amount of material present by weighing the sample before and/or after some transformation. A common example used in undergraduate education is the determination of the amount of water in a hydrate by heating the sample to remove the water such that the difference in weight is due to the loss of water.

Volumetric analysis

Titration involves the addition of a reactant to a solution being analyzed until some equivalence point is reached. Often the amount of material in the solution being analyzed may be determined. Most familiar to those who have taken chemistry during secondary education is the acid-base titration involving a color changing indicator. There are many other types of titrations, for example potentiometric titrations. These titrations may use different types of indicators to reach some equivalence point.

Ethylenediaminetetraacetic acid

Widely abbreviated as EDTA (for other names, see Table), is an aminopolycarboxylic acid and a colorless, water-soluble solid. Its conjugate base is named ethylenediaminetetraacetate. It is widely used to dissolve lime scale. Its usefulness arises because of its role as a hexadentate ("six-toothed") ligand and chelating agent, i.e., its ability to "sequester" metal ions such as Ca^{2+} and Fe^{2+} . After being bound by EDTA, metal ions remain in solution but exhibit diminished reactivity. EDTA is produced as several salts, notably disodium EDTA and calcium disodium EDTA.


Principal

Yashwantrao Chavan College
of Science, Karad.



Complex titration with EDTA

EDTA, ethylenediaminetetraacetic acid, has four carboxyl groups and two amine groups that can act as electron pair donors, or Lewis bases. The ability of EDTA to potentially donate its six lone pairs of electrons for the formation of coordinate covalent bonds to metal cations makes EDTA a **hexadentate ligand**. However, in practice EDTA is usually only partially ionized, and thus forms fewer than six coordinate covalent bonds with metal cations.

Disodium EDTA is commonly used to standardize aqueous solutions of transition metal cations. Disodium EDTA (often written as $\text{Na}_2\text{H}_2\text{Y}$) only forms four coordinate covalent bonds to metal cations at pH values < 12 . In this pH range, the amine groups remain protonated and thus unable to donate electrons to the formation of coordinate covalent bonds. Note that the shorthand form $\text{Na}_{4-x}\text{H}_x\text{Y}$ can be used to represent any species of EDTA, with x designating the number of acidic protons bonded to the EDTA molecule.

EDTA forms an octahedral complex with most $2+$ metal cations, M^{2+} , in aqueous solution. The main reason that EDTA is used so extensively in the standardization of metal cation solutions is that the formation constant for most metal cation-EDTA complexes is very high, meaning that the equilibrium for the reaction:



Role of indicator

Ferrochrome Black T

- i) It is a complex metric indicator that is part of the complex metric titrations
- ii) In its protonated form, Ferrochrome Black T is blue. It turns red when it forms a complex with calcium magnesium, or other metal ions.
- iii) EBT is blue in buffered solution at pH 10. It turns red when Ca^{2+} ions are added

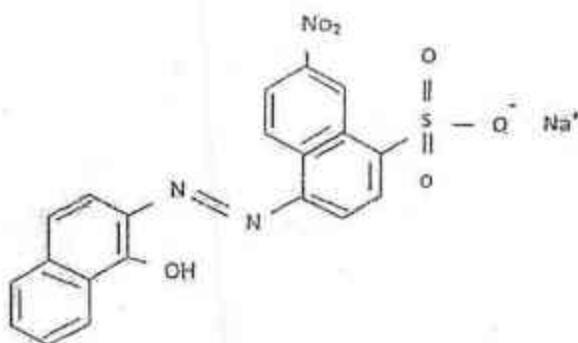
Definition Eriochrome Black T :-

It is a complex metric indicator that is part of the complex metric titrations.


Principal
Yashwantrao Chavan College
of Science, Karad



Structure :-



IUPAC Name

Sodium 1-(1-hydroxynaphthylazo)-6-nitro-2-naphthol-4-sulfonate

Systematic IUPAC Name :-

Sodium 4 — (2 (1-hydroxynaphthalen-1-yl)hydrazine-1-ylidene) -7-nitro-3-oxo-3,4-dihydro-1H-naphthalene-1-sulfonate




Principal
Yashwantrao Chavan College
of Science, Karad.

CHAPTER-3

Experimental Procedure

Aim :- Analysis of Calcium in different pharmaceutical samples.

Apparatus :- Beakers, Burette, Measuring Cylinder , Volumetric Flask (100ml) ,
Whatmann Filter paper , conical flask, rod.

Chemical :- Tablets (Cipal & Calotrack, Shelcal-500, MYCAL-D, Calcimax-forte)
, EDTA solution (0.01M) , Ammonia Buffer solution (pH-10), Erichrome Black T
indicator , Distilled water.

Procedure :-

- 1) A supplement tablet (Normally about 300 mg) of calcium ion was taken .
- 2) Then it is dissolved in minimum amount of water.
- 3) Then it is filtered & washing collected in 100 ml beaker.
- 4) It is diluted with 100ml Volumetric flask.
- 5) Several 2 ml sample of the tablet solution were titrated with 0.01 M EDTA
solution.
- 6) Erichrome Black T indicator and one test tube of Ammonia Buffer solution is
used in conical flask.
- 7) The mean corrected titration volume was observed.

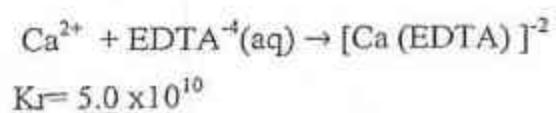



Principal
Yashwantrao Chavan College
of Science, Karad.

For Cipcal Tablet :-

Observations :-

- 1) Weight of Cipcal tablet = 300 mg = 0.300 g = 0.0300×10^{-3} .
- 2) Solution in Burette = 0.01 M EDTA.
- 3) Solution in conical flask 2 cm³ diluted solⁿ + 1 test tube Ammonia Buffer solⁿ.
- 4) Indicator = Erichrome black T indicator
- 5) End Point = Wine Red to Sky Blue.
- 6) Reaction =



Observation Table :-

Readings	Burette Reading in cm ³			C.B.F. in Cm ³
	1	2	3	
Final	14.0	14.0	14.5	14.0 cm ³
Initial	0.0	0.0	0.0	
Difference	14.0	14.0	14.5	




Principal
Yashwantrao Chavan College
of Science, Karad.

Calculations :-

$$\text{Mass of calcium (mg)} = \frac{\text{Volume} \times \text{Molarity}}{\text{EDTA (mg)} \times \text{EDTA} \left(\frac{\text{mol}}{\text{c}}\right)} \times \frac{1 \text{ mol of calcium}}{1 \text{ mol of EDTA}}$$

$$\times \frac{4.089 \text{ Calcium}}{1 \text{ ml calcium}} \times \frac{100 \text{ ml total Volume}}{2 \text{ ml sample Volume}}$$

(converts to g of Calcium) (converts to mg Calcium)

$$\begin{aligned} \text{Mass of calcium} &= \frac{0.014 \times 0.01 \text{ mol}}{\text{Lit}} \times \frac{1 \text{ mol of Ca}^{2+}}{1 \text{ mol of EDTA}} \times \frac{40.089 \text{ Ca}^{2+}}{1 \text{ mol Ca}^{2+}} \times \\ &\frac{1000 \text{ mg}}{1 \text{ mg}} \times \frac{100 \text{ ml total Volume}}{2 \text{ ml sample Volume}} \end{aligned}$$

$$\text{Mass of calcium} = 0.014 \times 0.01 \times 1 \times 40.08 \times 1000 \times 50$$

$$= 280.54 \text{ mg}$$

$$\% \text{ of calcium} = \frac{280.54 \times 100}{0.300}$$

$$= 93.52$$

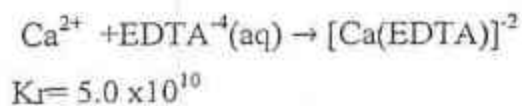


Principal
Yashwantrao Chavan College
of Science, Karad.

For Calotrack Tablet:-

Observation :-

- 1) Weight of Cipcal tablet = 300 mg = 0.300 g = 0.0300×10^{-3} .
- 2) Solution in Burette = 0.01 M EDTA.
- 3) Solution in conical flask 2 cm³ diluted solⁿ + 1 test tube Ammonia Buffer solⁿ.
- 4) Indicator = Erichrome black T indicator
- 5) End Point = Wine Red to Sky Blue.
- 6) Reaction =



Observation Table :-

Readings	Burette Reading in cm ³			C.B.R in Cm ³
	1	2	3	
Final	13.0	13.5	13.5	13.5 cm ³
Initial	0.0	0.0	0.0	
Difference	13.0	13.5	13.5	




Principal
Yashwantrao Chavan College
of Science, Karad.

Calculations :-

$$\text{Mass of calcium (mg)} = \frac{\text{Volume} \times \text{Molarity}}{\text{EDTA (mg)} \times \text{EDTA} \left(\frac{\text{mol}}{\text{c}}\right)} \times \frac{1 \text{ mol of calcium}}{1 \text{ mol of EDTA}}$$

$$\times \frac{4.089 \text{ Calcium}}{1 \text{ ml calcium}} \times \frac{100 \text{ ml total Volume}}{2 \text{ ml sample Volume}}$$

(converts to g of Calcium) (converts to mg Calcium)

$$\begin{aligned} \text{Mass of calcium} &= \frac{0.0135 \times 0.01 \text{ mol}}{\text{Lit}} \times \frac{1 \text{ mol of Ca}^{2+}}{1 \text{ mol of EDTA}} \times \frac{40.089 \text{ Ca}^{2+}}{1 \text{ mol Ca}^{2+}} \times \\ &\frac{1000 \text{ mg}}{1 \text{ mg}} \times \frac{100 \text{ ml total Volume}}{2 \text{ ml sample Volume}} \end{aligned}$$

$$\begin{aligned} \text{Mass of calcium} &= 0.0135 \times 0.01 \times 1 \times 40.08 \times 1000 \times 50 \\ &= 280.54 \text{ mg} \end{aligned}$$

$$\begin{aligned} \% \text{ of calcium} &= \frac{270.54 \times 100}{0.300} \\ &= 90.18\% \end{aligned}$$

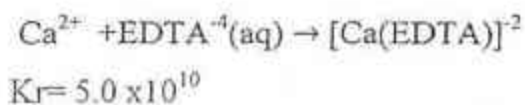


Principal
Yashwantrao Chavan College
of Science, Karad.

For Shelcal -500 Tablet:-

Observation :-

- 1) Weight of shelcal-500 tablet=300 mg= 0.300 g=0.0300 x10⁻³.
- 2) Solution in Burette = 0.01 M EDTA.
- 3) Solution in conical flask 2 cm³ diluted solⁿ +1 test tube Ammonia Buffer solⁿ.
- 4) Indicator = Erichrome black T indicator
- 5) End Point = Wine Red to Sky Blue.
- 6) Reaction=



Observation Table :-

Readings	Burette Reading in cm ³			C.B.R in Cm ³
	1	2	3	
Final	10.4	10.5	10.5	10.5 cm ³
Initial	0.0	0.0	0.0	
Difference	10.4	10.5	10.5	




Principal
Yashwantrao Chavan College
of Science, Karad.

Calculations :-

$$\text{Mass of calcium (mg)} = \frac{\text{Volume} \times \text{Molarity}}{\text{EDTA (mg)} \times \text{EDTA} \left(\frac{\text{mol}}{\text{c}}\right)} \times \frac{1 \text{ mol of calcium}}{1 \text{ mol of EDTA}}$$

$$\times \frac{4.089 \text{ Calcium}}{1 \text{ ml calcium}} \times \frac{100 \text{ ml total Volume}}{2 \text{ ml sample Volume}}$$

(converts to g of Calcium) (converts to mg Calcium)

$$\begin{aligned} \text{Mass of calcium} &= \frac{0.0105 \times 0.01 \text{ mol}}{\text{Lit}} \times \frac{1 \text{ mol of Ca}^{2+}}{1 \text{ mol of EDTA}} \times \frac{40.089 \text{ Ca}^{2+}}{1 \text{ mol Ca}^{2+}} \times \\ &\quad \frac{1000 \text{ mg}}{1 \text{ mg}} \times \frac{100 \text{ ml total Volume}}{2 \text{ ml sample Volume}} \end{aligned}$$

$$\begin{aligned} \text{Mass of calcium} &= 0.0105 \times 0.01 \times 1 \times 40.08 \times 1000 \times 50 \\ &= 210.42 \text{ mg} \end{aligned}$$

$$\begin{aligned} \% \text{ of calcium} &= \frac{210.42 \times 100}{0.300} \\ &= 72.14\% \end{aligned}$$

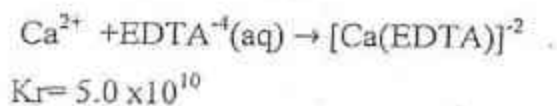



Principal
Yashwantrao Chavan College
of Science, Karad.

For MYCAL-D Tablet:-

Observation :-

- 1) Weight of MYCAL-D tablet = 300 mg = $0.300 \text{ g} = 0.0300 \times 10^{-3}$.
- 2) Solution in Burette = 0.01 M EDTA.
- 3) Solution in conical flask 2 cm^3 diluted solⁿ + 1 test tube Ammonia Buffer solⁿ.
- 4) Indicator = Erichrome black T indicator
- 5) End Point = Wine Red to Sky Blue.
- 6) Reaction =



Observation Table :-

Readings	Burette Reading in cm^3			C.B.R in cm^3
	1	2	3	
Final	10.9	11.0	11.0	10.5 cm^3
Initial	0.0	0.0	0.0	
Difference	10.9	11.0	11.0	




Principal
Yashwantrao Chavan College
of Science, Karad.

Calculations :-

$$\text{Mass of calcium (mg)} = \frac{\text{Volume} \times \text{Molarity}}{\text{EDTA (mg)} \times \text{EDTA} \left(\frac{\text{mol}}{\text{c}}\right)} \times \frac{1 \text{ mol of calcium}}{1 \text{ mol of EDTA}}$$

$$\times \frac{4.089 \text{ Calcium}}{1 \text{ ml calcium}} \times \frac{100 \text{ ml total Volume}}{2 \text{ ml sample Volume}}$$

(converts to g of Calcium) (converts to mg Calcium)

$$\begin{aligned} \text{Mass of calcium} &= \frac{0.011 \times 0.01 \text{ mol}}{\text{Lit}} \times \frac{1 \text{ mol of Ca}^{2+}}{1 \text{ mol of EDTA}} \times \frac{40.089 \text{ Ca}^{2+}}{1 \text{ mol Ca}^{2+}} \times \\ &\frac{1000 \text{ mg}}{1 \text{ mg}} \times \frac{100 \text{ ml total Volume}}{2 \text{ ml sample Volume}} \end{aligned}$$

$$\begin{aligned} \text{Mass of calcium} &= 0.011 \times 0.01 \times 1 \times 40.08 \times 1000 \times 50 \\ &= 220.44 \text{ mg} \end{aligned}$$

$$\begin{aligned} \% \text{ of calcium} &= \frac{220.42 \times 100}{0.300} \\ &= 73.48\% \end{aligned}$$

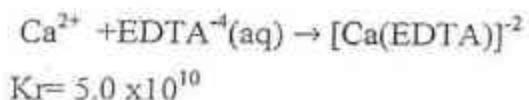



Principal
Yashwantrao Chavan College
of Science, Karad.

For Calcimax-forte Tablet:-

Observation :-

- 1) Weight of Calcimax-fort tablet=300 mg= 0.300 g=0.0300 x10⁻³.
- 2) Solution in Burette = 0.01 M EDTA.
- 3) Solution in conical flask 2 cm³ diluted solⁿ +1 test tube Ammonia Buffer solⁿ.
- 4) Indicator = Erichrome black T indicator
- 5) End Point = Wine Red to Sky Blue.
- 6) Reaction=



Observation Table :-

Readings	Burette Reading in cm ³			C.B.R in Cm ³
	1	2	3	
Final	11.8	12.0	12.0	12.0 cm ³
Initial	0.0	0.0	0.0	
Difference	11.8	12.0	12.0	



Principal
Yashwantrao Chavan College
of Science, Karad.

Calculations :-

$$\text{Mass of calcium (mg)} = \frac{\text{Volume} \times \text{Molarity}}{\text{EDTA (mg)} \times \text{EDTA} \left(\frac{\text{mol}}{\text{c}}\right)} \times \frac{1 \text{ mol of calcium}}{1 \text{ mol of EDTA}}$$

$$\times \frac{4.089 \text{ Calcium}}{1 \text{ ml calcium}} \times \frac{100 \text{ ml total Volume}}{2 \text{ ml sample Volume}}$$

(converts to g of Calcium) (converts to mg Calcium)

$$\begin{aligned} \text{Mass of calcium} &= \frac{0.012 \times 0.01 \text{ mol}}{\text{Lit}} \times \frac{1 \text{ mol of Ca}^{2+}}{1 \text{ mol of EDTA}} \times \frac{40.089 \text{ Ca}^{2+}}{1 \text{ mol Ca}^{2+}} \times \\ &\frac{1000 \text{ mg}}{1 \text{ mg}} \times \frac{100 \text{ ml total Volume}}{2 \text{ ml sample Volume}} \end{aligned}$$

$$\begin{aligned} \text{Mass of calcium} &= 0.012 \times 0.01 \times 1 \times 40.08 \times 1000 \times 50 \\ &= 240.48 \text{ mg} \end{aligned}$$

$$\begin{aligned} \% \text{ of calcium} &= \frac{240.48 \times 100}{0.300} \\ &= 80.16\% \end{aligned}$$



Principal
Yashwantrao Chavan College
of Science, Karad.

CHAPTER -4

Results :-

- 1) The Mass of Calcium in Cipcal Tablet = 280.56 mg
- 2) The Mass of Calcium in Calotrack Tablt = 270.54 mg
- 3) The Mass of Calcium in Shelcal-500 Tablet = 210.42 mg
- 4) The Mass of Calcium in MYCAL-D Tablet = 220.44 mg
- 5) The Mass of Calcium in Calcimax -forte Tablet = 24048 mg



Principal
Yashwantrao Chavan College
of Science, Karad.

CHAPTER -5

Conclusion :-

It conclude that Mass of Calcium ion in **Cipcal** tablet is about 93.52 % and 280.56 mg % also in **Calotrack** tablet Mass of calcium is about 90.18 % and 270.54 mg & also in **Shelcal -500** is about 72.14 % % 210.42 mg And also in **MYCAL -D** 73.48 % & 220.44 mg & in **Calcimax -forte** is 80.16 % 240.48 mg. It is observed that Mass of calcium is different in different tablet is in different volume.




Principal
Yashwantrao Chavan College
of Science, Karad.

Estd

1958



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



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Department of Pollution

(2324)

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD



**Under Shivaji university, Kolhapur
BSC III Year**

**2022-2023
Department of Pollution**

**A Project on
"STUDY OF ROLL OF GREEN AUDIT IN ENVIRONMENT"**

Submitted by

Sr.no	Student Name	Rollno	Exam no
1	Mrs.Abhishek Ajay Bhosale	9	38028
2	Mrs.Shubham Jayawant Shinde	1	42110

**UNDER THE GUIDANCE OF
Prof.Patil.P.A. [M.Sc.B.Ed.BJC]**

Yashwantrao Chavan College of science, Karad
1

Page No.



Principal
Yashwantrao Chavan College
of Science, Karad

Exam Seat No. - 38628
Roll No. -

Date: 10/05/23

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD
Vidyanagar, Karad - 415 124



AN ISO 9001:2015 CERTIFIED COLLEGE
Reg: RQ91/5237

IAS-ANZ



Accredited at the B++ level by NAAC, Bangalore



Department of Pollution

This is to certify that Shri / Miss. _____

Abhishek A Jay Bhosale

of B. Sc. III Pollution has completed Project work on
"Study of Roll of Green audit in environment"
satisfactorily prescribed by Shivaji University, Kolhapur as a
fulfillment of practical syllabus during the year 2022 - 2023.

[Signature]

Teacher In-charge

Examined

[Signature]
23-5-2023

Examiner

[Signature]
Dr. B. V. Jadhav

[Signature]

Head



[Signature]

Principal
Yashwantrao Chavan College
of Science, Karad.

Estd

1958



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



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

**Department of Pollution
Environmental Studies
Compulsory, B.Sc. (2324) Cs.
Entire (2325) and Optional
(2324)**

Yashwantrao Chavan Collage of Science, Karad.



Under Shivaji University, Kolhapur

B.Sc Computer Science (Entire)

2022-2023

Environment Studies

A Project Report On

"Study the effects population on environment"

SR NO	NAME OF STUDENTS	ROLL NO	EXAM SEAT NO
1	Bagal Ankita Ravindra	9205	1025
2	Bhosale Sakshi Vikas	9208	1018
3	Chavan Prerana Prakash	9212	970
4	Dubal Vaishnavi Shivtej	9225	980
5	Gaikwad Prachi Santosh	9227	981

Under the Guidance of

Miss P.A.Patil

(M.Sc.,B.ed.,BJC)



Exam Seat No. - 1025, 1018, 970, 980, 981

Date: 18/05/2023

Roll No. - 9205, 9208, 922, 9225, 9227

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

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. *Bagal...Ankita...Ravindra.....*
Bhosale...Sakshi...Vikas.....
Chavan...Prerana...Prakash.....
Dubal...Vaishnavi...Shivtej.....
Gaikwad...Prachi...Santosh.....

of B.Sc. II Computer Science (Entire) have completed the Environmental project satisfactorily on
".....Study...the...Effect...of...population...on.....
.....Environment....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.

Prerana
18/5/23
Co-ordinator

Prerana
Head
Head of Dept.

Prerana
Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE
VIDYANAGAR, KARAD



Bsc Cs (Entire)-II

ENVIRONMENT STUDIES

UNDER SHIVAJI UNIVERSITY, KOLHAPUR

2022-2023

A Project Report On

"TO STUDY SOILD WASTE DISPOSAL & MANAGEMENT IN
MALAKAPUR "

SUBMITTED BY

Sr.no.	Name of the student	Roll no.	Exam Roll no.
1	Jadhav Aishwarya Popat	9231	1037
2	Jadhav Sakshi Santosh	9237	1029
3	Jagtap Neha Dipak	9239	1049
4	Kadam Bhagavati Dhananjay	9242	1026
5	Kanase Samiksha Jagannath	9243	1030

UNDER GUIDANCE OF

Mrs. P. A. Patil (M. Sc. B. Ed. BJC)



Exam Seat No. - 1037, 1029, 1049, 1026, 1030 Date: 18/05/2023

Roll No.- 9231, 9237, 9239, 9242, 9243

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss.Jadhav..Aishwarya..Papat.....
.....Jadhav...Sakshi...Santosh.....
.....Jagtap...Neha...Dipak.....
.....kadam...Bhagavati...Dhananjay...
.....kanase...Samiksha...Jagannath.....

of B.Sc. II Computer Science (Entire) have completed the Environmental project satisfactorily on
".....To...study...of...solid...waste...Disposal...and.....
management...in...Malakapur..." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal



Yashwantrao Chavan College of Science, Karad
Vidyanagar, Karad - 415 124

Principal,
Yashwantrao Chavan College
of Science, Karad

29
G.03
TO STUDY THE DISPOSAL OF EWASTE AND ITS MANAGEMENT

Yashwantrao Chavan College of Science, Karad.



Under Shivaji University, Kolhapur.

B.Sc Computer Science(Entire) 2022-23

Environmental Studies

A Project On

“TO STUDY THE DISPOSAL OF EWASTE AND ITS MANAGEMENT”

SR NO	NAME OF STUDENTS	ROLL NO	EXAM SEAT NO
1	Mandave Kalyani Vikas	9252	1023
2	Mane Poonam Suresh	9253	1051
3	Mane Siddhi Ramchandra	9254	1052
4	Mane Susmita Sukhadev	9255	1053
5	Mohite Pratiksha Jaywant	9257	997

Under the Guidance

of

Miss. P. A. Patil

(M.Sc., B.ed., BJC)



Exam Seat No. - 1023, 1051, 1052, 1053, 991 Date: 18-05-2023

Roll No. - 9252, 9253, 9254, 9255, 9257

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. 1] Mandave Kalyani Vikas
2] Mane Poonam Suresh
3] Mane Siddhi Ramchandra
4] Mane Susmita Sukhadev
5] Mohite Pratiksha Jaywant

of B.Sc. II Computer Science (Entire) have completed the Environmental project satisfactorily on
"To study The Disposal of E-waste And
Its Management" as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.

13/05/2023
Co-ordinator

Head of Dept.

Principal

Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad



29 6.07

**YASHWANTRAO CHAVAN COLLEGE OF SCIENCE,
KARAD**



B.SC. Computer Science (Entire)II

2022-23

ENVIRONMENTAL STUDIES

A Project Report On

"STUDY OF POLLUTED WATER BODIES"

SUBMITTED BY,

SR.NO	STUDENT NAME	ROLL NO	EXAM SEAT NO	SIGN
1	SUTAR MANASI KIRAN	9297	2957 9339	
2	TAKALE POONAM RAVINDRA	9299	2959 1036	
3	THORAT SANIKA SAYAJI	9303	2963 1044	

UNDER GUIDANCE OF,

**MRS. PATIL P. A.
(M.Sc.B.Ed.BJC)**



Exam Seat No. - 2959, 2957, 2963

Date: 18/5/2023

Roll No.- 9299, 9297, 9303

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE


Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss.
Sutar Manasi Kiran
.....
Takale Poonam Ravindra
.....
Thorat Sanika Sayaji
.....

of B.Sc. II Computer Science (Entire) have completed the Environmental project satisfactorily on
"..... Study of Polluted water bodies".....
....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


18/5/23
Co-ordinator


Head of Dept.
Head


Principal

Department of Pollution
Yashwantrao Chavan College of
Science Karad

Principal,
Yashwantrao Chavan College
of Science, Karad.



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, VIDYANAGAR, KARAD.

UNDER SHIVAJI UNIVERSITY, KOLHAPUR.

BSc CS II (Entire) Of the 2022-2023 Environment Studies



A Project Report On

“To Study of Water Conservation Partices”

Submitted by

SR NO	NAME OF STUDENTS	ROLL NO	EXAM SEAT NO
1	Mohite sanika santosh	9258	1032
2	Patil Prachi Suryakant	9270	1017
3	Patil pranali rajiv	9271	1055
4	Patil sayali sambhaji	9273	392

Under the Guidance

Mrs. P. A. Patil
(M.Sc., B. Ed., BJC)



Exam Seat No. - 1052, 1017, 1055, 992

Date: 18/05/2023

Roll No.- 9258, 9270, 9271, 9273

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. ... Mahite ... Sanika ... Santosh ...
... Palil ... Prachi ... Suryakar ...
... Palil ... Sayali ... Sambhaji ...
... Palil ... Anjali ... Rajiv ...
.....

of B.Sc. II Computer Science (Entire) have completed the Environmental project satisfactorily on
"To study the techniques of water
conservation practices" as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal

Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad



**YASHWANTRAO CHAVAN COLLEGE OF
SCIENCE VIDYANAGAR, KARAD.**



UNDER SHIVAJI UNIVERSITY, KOLHAPUR.

B.SC. Computer Science (Entire)II

2022-2023

ENVIRONMENTAL STUDIES

A Project Report

On

**"TO STUDY OF INSECTS IN TERRESTRIAL ECOSYSTEM AND THEIR ROLE IN FOOD
CHAIN"**

SUBMITTED BY

SERIAL NO.:	STUDENT NAME	ROLL NO.:	EXAM SEAT NO.
1	Kajal Sanjay Pawar	9276	105C
2	Sneha Balaso Pol	9284	1027
3	Amruta Namdev Satape	9286	1039
4	Shivani Ajit Sawant	9287	1040
5	Tanvi Sanjay Shelar	9288	998

UNDER GUIDANCE OF:

Mrs. P.A. Patil (M.Sc. B.Ed. BJC)



Exam Seat No. - 1050, 1027, 1039, 1040, 998 Date: 18-05-2023

Roll No.- 9276, 9284, 9286, 9287, 9288

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

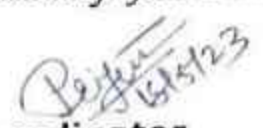
Reaccredited at the B⁺⁺ level by NAAC, Bangalore




Environmental Studies CERTIFICATE

This is to certify that Mr./Miss. Kajal Sanjay Pawar
Sneha Balaso Pol
Amruta Namdev Satape
Shivani Ajit Sawant
Tanvi Sanjay Shelar

of B.Sc. II have completed the Environmental project satisfactorily on
"To study of insects in terrestrial ecosystem
and their role in food chain" as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad

27 group no. - 1

SHIVAJI SHIKSHAN SANSTHA'S
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE,
VIDYANAGAR, KARAD.



SHIVAJI UNIVERSITY, KOLHAPUR.
B. Sc. (Computer Science) Entire II

2022-2023

Environmental Studies

A

PROJECT REPORT

ON

*"Study of Medicinal Plant in college campus and
their Importance"*

Submitted By

No.	Name	Roll No.	Exam No.
1.	Miss. Kishori Suresh Ambalekar	9202	1002
2.	Miss. Vaishnavi Tukaram Pokale	9283	1010
3.	Miss. Damyanti Hanumanant Shelke	9289	1001
4.	Miss. Siddhi Shivaji Shinde	9293	1006
5.	Miss. Pranali Tanaji Shivdas	9295	1013

UNDER THE GUIDANCE OF

Prof. P. A. Patil

(M. Sc., B. Ed., BIC)



Exam Seat No. - 1022, 1010, 1041, 1046, 1043

Date: 18/5/2023

Roll No.- 9202, 9283, 9289, 9293, 9295

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

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B** level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. Kishori Suresh Ambalekar

Vaishnavi Tukaram Bokale

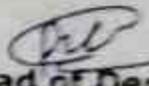
Siddhi Shivaji Shinde

Priyankali Tanaji Shinde

Damnyanti Harmanit Shelke

of B.Sc. II Computer Science (Entire) have completed the Environmental project satisfactorily on
"To study of medicinal plants in College Campus
and their Importance....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal



Department of Computer Science
Yashwantrao Chavan College of
Science, Karad

Yashwantrao Chavan College
of Science, Karad

25 9/08

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE
VIDYANAGAR, KARAD



B.SC CS (ENTIRE) -II

ENVIRONMENTAL STUDIES

Under Shivaji university, kolhapur

2022-2023

A project Report On

“TO STUDY BIOFERTILIZERS A GOOD REMRDY FOR
MAINTAINING SOIL FERTILITY”

SUBMITTET BY

Sr.No	Name of the student	Roll No	Exam Roll No
1	AGARKAR SHREYASH RAVINDRA	9201	956
2	BABAR SAURABH PRAKASH	9203	957
3	BABAR TEJAS SANJAY	9204	1000
4	BIHSE PRAJWAL MADHUKAR	9206	962

UNDER GUIDANCE OF

MRS.PATIL P.A. (M.SC.ED.BJC)



Exam Seat No. - 966, 967, 1000, 969

Date: 18-5-2023

Roll No.- 9201, 9203, 9204, 9206

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore




Environmental Studies **CERTIFICATE**

This is to certify that Mr. / M^{ss}. ...AGERkar... SHEYash... Ravindra.....
.....Babar... Sourabh... Prakash.....
.....Babar... Tejas... Sanjay.....
.....Bhise... Prajwal... Madhukar.....
.....

of B.Sc. II Computer Science (Entire) have completed the Environmental project satisfactorily on
"...To...study...Biofertilizers...A...Good...Remedy...for.....
.....maintaining...soil...fertility...." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.
Head


Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE
VIDYANAGAR, KARAD



B.sc II Computer science (Entire) of the 2022-2023

ENVIRONMENTAL STUDIES

UNDER SHIVAJI UNIVERSITY, KOLHAPUR

2022-2023

A Project Report

On

"TO STUDY EFFECT OF CHEMICAL FERTILIZERS AND
PESTICIDES ON AGRICULTURE"

SUBMITTED BY

Sr No.	Name of the student	Roll no	Exam seat no
1	Mr. Bhokare Yash Manoj	9207	1001
2	Mr. Chavan Aditya Shivaji	9209	969
3	Mr. Chavan Ajay Satish	9210	1021
4	Mr. Chavan Digambar Ananda	9211	1020
5	Mr. Chavan Rohan Maruti	9213	971



DECLARATION BY
The Head of the Department

Exam Seat No. - 1001, 969, 1021, 1020, 971.

Date: 19/05/2023

Roll No.- 9207, 9209, 9210, 9211, 9212

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore




Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. ..Bhokare..Yash..Manoj.....
.....Chavan..Aditya..Shivaji.....
.....Chavan..Ajay..Satish.....
.....Chavan..Digambar..Ananda.....
.....Chavan..Rohin..Manuti.....

of B.Sc. II Computer Science (Entire) have completed the Environmental project satisfactorily on
"...To study effect of chemical fertilizers and.....
...Pesticides on agriculture..." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal

Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Yashwantrao Chavan College
of Science, Karad



27 9-10
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE
VIDYANAGAR, KARAD



BSC COMPUTER SCIENCE (ENTIRE) -II
ENVIRONMENTAL STUDIES
UNDER SHIVAJI UNIVERSITY, KOLHAPUR

2022-2023

A project Report On

“TO STUDY EFFECT OF OZONE DEPLETION ON
ENVIRONMENT”

SUBMITTED BY

Sr.No.	Name of the student	Roll No	Exam Roll No
1	CHAVAN SANKET SANJAY	9214	972
2	CHAVAN SAURABH KRISHNAT	9215	973
3	CHAVAN SHUBHAM SANJAY	9216	994
4	CHAVAN SUMIT KRUSHNAT	9217	1002
5	CHAVAN SURAJ SUBHASH	9218	974

UNDER GUIDANCE OF

Mrs.P.A.Patil (M.Sc. B.Ed. BJC)



Exam Seat No. - 972, 973, 994, 1002, 974

Date: 18-05-2023.

Roll No.- 9214, 9215, 9216, 9217, 9218

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. ..Chavan...Sanket...Sanjay.....
.....Chavan...Soukabh...Krishnat.....
.....Chavan...Shubham...Sanjay.....
.....Chavan...Sumit...Krishnat.....
.....Chavan...Suraj...Subhash.....

of B.Sc. II Computer Science (Entire) have completed the Environmental project satisfactorily on
"...Ta...study...effect...of...ozone...depletion...an.....
...environment....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.
Head


Principal
Principal

Department of Pollution
Yashwantrao Chavan College of
Science Karad

Yashwantrao Chavan College
of Science, Karad



TO STUDY EFFECT OF PLASTIC POLLUTION ON ENVIROMENT

**YASHWANTRAO CHAVAN COLLEGE OF SCIENCE,
KARAD.**

UNDER SHIVAJI UNIVERSITY, KOLHAPUR.

B.SC' Computer Science II (Entire)
2023-2024

Environment Studies



A Project Report On
**“TO STUDY EFFECT OF PLASTIC POLLUTION
ON ENVIROMENT”**

Submitted by :

SR NO	NAME OF STUDENTS	ROLL NO	EXAM SEAT NO	SIGN
1	Chavan Vishwajeet Vishwanatah	9219	975	
2	Chikane Sudarshan Sunil	9220	976	
3	Desai Akash Balaso	9221	977	
4	Desai Suraj Santaji	9222	978	
5	Deshmukh Aditya Sambhajirao	9223	979	

Under the Guidance Of :

Mrs. P. A. Patil (M.Sc., B. Ed., BIC)



Group No - 11

Exam Seat No. - 915, 916, 917, 918, 919

Date: 12-05-2023

Roll No.- 9219, 9220, 9221, 9222, 9223

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

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. Deshmukh... Aditya... Sambhajirao.....
Chikane... Sudarshan... Sunil.....
Desai... Suraj... Santaji.....
Chavan... Vishwanjeet... Vishwanath.....
Desai... Abash... Balaso.....

of B.Sc. II Computer Science (Entire) have completed the Environmental project satisfactorily on
*...To...study...effect...of...plastic...pollution...on...
...environment.....* as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.

Co-ordinator

Head of Dept.

Principal



Department of Environment
Yashwantrao Chavan College of
Science Karad

Principal,
Yashwantrao Chavan College
of Science Karad

YASHWANTRAO CHAVAN COLLEGE OF
SCIENCE VIDYANAGAR, KARAD



BSC-COMPUTER SCIENCE (ENTIRE) II
ENVIRONMENTAL STUDIES
UNDER SHIVAJI UNIVERSITY, KOLHAPUR

2022-2023

A Project Report

On

“To Study Importance's Of Green Audit “

SUBMITTED BY

Sr. No.	Name of the student	Roll No	Exam Roll No.
1	Mr. Deshmukh Vivek Arun	9224	1003
2	Mr. Dubal Vijay Sanjay	9226	1017
3	Mr. Gholap Omkar Nivrutti	9228	982
4	Mr. Humbe Ganesh Shahaji	9229	983
5	Mr. Ingale Akshay Chandrakant	9230	1013

UNDER GUIDANCE OF

Mrs. P.A. Patil (M.Sc. B. Ed. BJC)



Exam Seat No. - 1003, 1012, 982, 983, 1013

Date: 19/05/2023

Roll No.- 9224, 9226, 9228, 9229, 9230

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B** level by NAAC, Bangalore



Environmental Studies **CERTIFICATE**

This is to certify that Mr. / Miss. ...Deshmukh...vivek...Arun.....


...Dubal...vijay...Sanjay.....

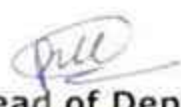
...Ghobip...amkar...Nivalitt.....

...Humbe...Ganesh...Shahaji.....

...Ingale...Akshay...Chandrakant.....

of B.Sc. II Computer Science (Entire) have completed the Environmental project satisfactorily on
*.....To...study...Importance...of...Green Audit.....
* as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad.

Principal,
Yashwantrao Chavan College
of Science, Karad

Yashwantrao Chavan College Of Science, Karad



Under Shivaji University, Kolhapur

B.Sc. - II

2022-2023

Environment studies

A project On

"Study On Public Awareness Programmes In Villages"

Submitted by :

Sr.No.	Student Name	Roll No.	Exam Seat No
1.	Bhoite Vishal Hanmant	2091	26665
2.	Chavan Aditya Prakash	2092	26641
3.	Dalavi Atharvraj Sambhaji	2094	26857
4.	Desai Gaurav Shankar	2095	26666
5.	Desai Omkar Ghamaji	2096	22667

Under The Guidance Of

Mrs. Patil P.A (M.Sc.B.ed.BJC)



Exam Seat No. -

Date: 11/05/2023

Roll No.- 2091, 2092, 2094, 2095, 2096.

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

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. 1). Bhoite. Vishal. Hanman.....
2). Chavan. Aditya. Prakash.....
3). Dalavi. Athar. Vraj. Sambhaji.....
4). Desai. Gaurav. Shankar.....
5). Desai. Omkar. Shamaji.....

of B.Sc. II have completed the Environmental project satisfactorily on
".....study.....on.....public.....awareness.....programmes.....in.....
.....villages....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.

Co-ordinator

Head of Dept.
Head

Principal
Principal

Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Yashwantrao Chavan College
of Science, Karad



9/8 (15)
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE,



VIDYANAGAR, KARAD.

UNDER SHIVAJI UNIVERSITY, KOLHAPUR.

B.SC. II

Of the

2022-2023

Environment studies

A project report

On

“Study Of Awareness and Human Rights”

Submitted by

Sr. no.	Name of the student	Roll	Exam seat no.
1	Gaurav Bhagwan Kumbhar	2104	26670
2	Omkar Jalindar Mane	2105	26672
3	Saurabh Krushnat Mane	2106	26674
4	Shubham Satish Mane	2107	26673
5	Unmesh Suresh Mane	2108	26675

Under the guidance of

Mrs. Patil P. A. (M.Sc. B.Ed BJC)



Exam Seat No. -

Date: 11/05/2023

Roll No.- 2104, 2105, 2106, 2107, 2108.

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore

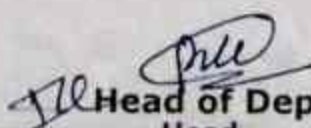


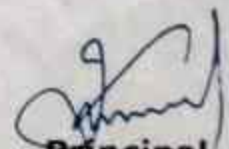
Environmental Studies **CERTIFICATE**

This is to certify that Mr. / Miss. 1) Gaurav bhagwan kumbhar.....
2) omkar jalindar mane.....
3) Saurabh krushnat mane.....
4) shubham satish mane.....
5) unmesh suresh mane.....

of B.Sc. II have completed the Environmental project satisfactorily on
".....study.....of.....~~AAE~~ Awareness And Human Rights
....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.
Head


Principal
Principal

Department of Pollution
Yashwantrao Chavan College of
Science, Karad



Yashwantrao Chavan College
of Science, Karad

9.16
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.



UNDER
SHIVAJI UNIVERSITY, KOLHAPUR.

B.SC. II

OF THE

2022/2023

Environment studies

A Project On

“Study of impact of urbanization on environment”

Submitted by

Sr.no.	Name of the student	Roll no	Exam seat no.	Sign
1	Marathe Sanket Hanmant	2109	26676	
2	Pawar Saurabh Shankar	2113	26638	
3	Salave Rohit Ramchandra	2114	26678	
4	Salukh Santkar Harmantrao		26679	

Under The Guidance Of
Mrs. Patil [B.ed/BIC]



Exam Seat No. -

Date: 11-05-2023

Roll No.- 2109, 2112, 2113, 2114

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. ① Marathe Bhanet Hanmanl.

② Pawar Saurabh Shankar

③ Salave Rohit Ramchandra

④ Pawar Amit Anil

⑤ Salukhe Omkar Armanbhar

of B.Sc. II have completed the Environmental project satisfactorily on
..... Study of the impact of Urbanization on
..... Environment as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.

Pawar
11/05/23
Co-ordinator

Pill
Head of Dept.

[Signature]
Principal

Head
Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Yashwantrao Chavan College
of Science, Karad



Yashwantrao Chavan College Of Science, Karad



Under Shivaji University, Kolhapur

B.Sc. - II

2022 - 2023

Environment Studies

A Project on

"To study of Impact of Tsunami of Environment."

Submitted by :

Sr. No	Student Name	Roll No.	Exam Seat No.
1.	Snehal Shrikant Naik	2126	26866
2.	Sakshi Pandurang Nikam	2111	26720
3.	Ankita Rajendra Thorat	2116	26724
4.	Vaishnavi Dilip Yadav	2120	26685
5.	Pournima Balkrushna Thorat	2118	26683

Under The Guidance Of :

Mrs. Patil P.A (M.Sc. B.Ed. BJC)



Exam Seat No. -

Date: 11/05/2023

Roll No.- 2126, 2111, 2116, 2120, 2118

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

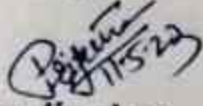
Reaccredited at the B⁺⁺ level by NAAC, Bangalore

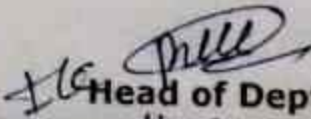



Environmental Studies **CERTIFICATE**

This is to certify that Mr./Miss. Snehal Shrikant Naik
Sakshi Pandurang Nikam
Ankita Rajendra Thorat
Vaishnavi Dilip Yadav
Pournima Balkrushna Thorat

of B.Sc. II have completed the Environmental project satisfactorily on
".....To study of impact of Tsunami on Environment.....
....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal

Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Yashwantrao Chavan College
Karad



Shivaji Shikshan Sanstha's

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.



Environmental Studies

A

Project Report

On,

"Survey of per capita consumption of water from urban area"

Class – B. Sc II

2022-2023

Submitted by

Sr.no	Name of Student	Roll.No	Exam no.
1	Mr. Tushar Tanaji Tupe	2266	26817
2	Mr. Waske Mahesh Satish	2267	26818
3	Mr. Jadhav Sumit Ankush	2269	26776
4	Miss. Kadam Tejashree Ramkrushn	2270	26799
5	Mr. Lade Yashpal Sunil	2271	26823

Submitted by,
Under guidance of,
Patil P.A (M.sc Bed. BJC)



Exam Seat No. - 26817, 26818, 26776, 26799

Date: 13/5/2023

Roll No.- 2266, 2267, 2269, 2270, 2271

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

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore

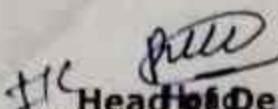


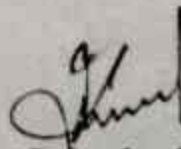
Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. ... Mr. Tupe... Tushar... Tanaji.....
... Mr. Waske... Mahesh... Salish.....
... Mr. Jadhav... Sumit... Ankush.....
... Miss... Kadam... Tejaswree... Ramkrushn
... Mr. Lode... Yashpal... Sunil.....

of B.Sc. II have completed the Environmental project satisfactorily on
"..... Survey... of... per... capita... consumption... of... water...
..... from... urban... area....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.
Department of Pollution


Principal

Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad.



Yashwantrao Chavan College Of Science, Karad



Under Shivaji University, Kolhapur

B.Sc.-II

2022-2023

Environment studies

A project on

“Survey of per capita consumption of water from rural area”

Submitted by:

Sr.No.	Student Name	Roll No.	Exam Seat No.
1.	Jadhav Pallavi Hiralal	2234	26794
2.	Jujar Gouri Pundlik	2235	26795
3.	Kadam Prachi Suresh	2238	26797
4.	Kadam Sanjivani Jalindar	2240	26798

Under the Guidance of:

Mrs. Patil P.A(M.Sc.B.Ed.BJC)



Exam Seat No. - 26794, 26795, 26797, 26798 Date: 13/5/2023

Roll No.- 2234, 2235, 2238, 2240

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



**Environmental Studies
CERTIFICATE**

This is to certify that Mr. / Miss. ...Jadhav... Pallavi Hiralal

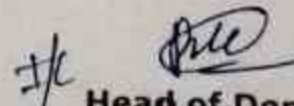
.....Jujar... Gouri... Pundlik.....


.....Kadam... Prachi... Suresh.....

.....Kadam... Sanjivani... Talindar.....

of B.Sc. II have completed the Environmental project satisfactorily on
"Survey of per capita consumption of water.....
from rural area....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal

Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Yashwantrao Chavan College
of Science, Karad



Shivaji Shikshan Sanstha's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.



UNDER SHIVAJI UNIVERSITY, KOLHAPUR

B.Sc. II

2022-2023

Environmental Studies

A Project On

“Study Of Deforestation & Impact on Environment”

Submitted by:

Sr. No.	Name of Student	Roll No.	Exam No.
1	Girigosavi Nikita Sanjay	2484	26771
2	Desai Pratik Santosh	2483	26770
3	Chavan Tejas Hemant	2482	26768
4	Bhosale Aniket Hanmant	2481	26767

Under Guidance of

Mrs. Patil P.A (M.Sc. B.Ed. BJC)



Exam Seat No. - 18065, 18064, 18063, 18062

Date: 13-05-2023

Roll No.- 2484, 2483, 2482, 2481

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



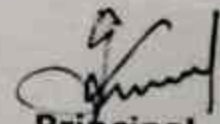
Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. ...Girigasavi... Nikita... Sanjory.....
...Desai... Pratik... Santosh.....
...Chavan... Tejas... Hemant.....
...Bhosale... Aniket... Hanmant.....
.....

of B.Sc. II have completed the Environmental project satisfactorily on
".....Study.....of.....Deforestation.....&.....impact.....on.....
.....environment....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal

Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Yashwantrao Chavan College
of Science, Karad



Be One With The Downtrodden The Under Privileged

Yashwantrao Chavan College Of Science, Karad.



Under Shivaji University, Kolhapur

B.SC-II

2022-2023

Environmental Studies

A Project On

"To Study Of ETP Plant In Rajaram Bapu Dudh Dairy"

Submitted By

Sr.no	Students Name	Roll. No	Exam. No
1	Fasale Maruti Sampat	2301(old) 2165	26663
2	Kokani Ravikumar Raju	2302	26850
3	Mali Harsh Ajit	2303	26924

Under The Guidance Of -

Mrs. Patil P.A (M.Sc.B.ed.BJC)



Exam Seat No. - 26649, 26850, 26924

Date: 13-05-2023

Roll No.- 2165, 2302, 2303

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss.

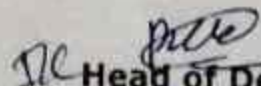
1) Fasale... Maruti... Sampat.....


2) Kakani... Ravikumar... Raju.....

3) Mali... Harsh... Ajit.....

of B.Sc. II have completed the Environmental project satisfactorily on
"....*To study of ETP plant in Rejarem Babu Dudd Dairy*....."
as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal

Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Yashwantrao Chavan College
of Science, Karad.



Yashwantrao Chavan College Of Science, Karad



Under Shivaji University, Kolhapur

B.Sc. - II

2022 - 23

Environment Studies

A Project Report on

"To Study Of Waste Water Utilization In Karad City."

Submitted by :

Sr. No	Student Name	Roll No.	Exam Seat No.
1.	Shinde Avinash Ashok	2325	26843
2	Shinde Sanket Ashok	2326	26839
3	Sutar Sujit Anil	2327	26840
4	Swami Shreyash Dattatray	2328	26841
5	Takpire Rushabh Balu	2329	26844

Under The Guidance

Of

Mrs. Patil P.A (M.Sc. B.Ed. BJC)



Exam Seat No. - 26843, 26839, 26840, 26841, 26844

Date: 13/05/2023

Roll No.- 2325, 2326, 2327, 2328, 2329

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies **CERTIFICATE**

This is to certify that Mr. / Miss. *Shinde... Avinash... Ashok.....*

Mr. Shinde... Sanket... Ashok.....

Mr. Sutar... Sujit... Anit.....

Mr. Swami... Shreyash... Dattatray.....

Mr. Takpore... Rushabh... Balu.....

of B.Sc. II have completed the Environmental project satisfactorily on
".....To....study...of...Waste...Water...Utilization....In...Karad
.....City"....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.

Pijer
13-5-23
Co-ordinator

Ill Head of Dept.
Head

4
Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Yashwantrao Chavan College
of Science, Karad

28 9/31
Yashwantrao Chavan College Of Science, Karad



Under Shivaji University, Kolhapur

B.Sc. - II

2022 - 23

Environment Studies

A Project Report on

"To Study and Importance of Snake in Biodiversity."

Submitted by :

Sr. No	Student Name	Roll No.	Exam Seat No.
1.	Chavan Pradnya Rajendra	2313	26912
2	Jagtap Anuradha Ashok	2315	26913
3	Kadam Sujata Sanjay	2316	26914
4	Mali Asharani Satish	2317	26915
5	Mane Shrutika Suresh	2318	26915

Under The Guidance

Mrs. Patil (M. Ed, B.Ed, B.I.C)



Exam Seat No. - 26912, 26913, 26914, 26915, Date: 13/5/2023
26916

Roll No. - 2313, 2315, 2316, 2317, 2318

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. ..chavan.....Pradnya.....Rajendra.....
miss. Jagtap.....Anuradha.....Ashok.....
miss. Kodam.....Sujata.....Sanjay.....
Miss. Mali.....Asharani.....Satish.....
Miss. Mane.....Shrutika.....Suresh.....

of B.Sc. II have completed the Environmental project satisfactorily on
".....To.....study.....and.....Importance.....of.....snake.....in.....
.....Biodiversity....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.

Pradnya
05/23
Co-ordinator

Pradnya
Head of Dept.

Pradnya
Principal

Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad.



Yashwantrao Chavan College Of Science, Karad.



Under Shivaji University, Kolhapur

B.SC-II

2022-2023

Environment Studies

A Project Report On

"To Study of River Aquatic Ecosystem"

Submitted By

Sr.no	Students Name	Roll. No	Exam. No
1	Thorat Sanjivani Santaji	2331	26922
2	Thorat Durga Amarsinh	2330	26921
3	Shaikh Karina Rashid	2324	26920

Under The Guidance

Of

Mrs. Patil P.A (M.Sc. B.ed, BJC)



Exam Seat No. - 26922, 26921, 26920

Date: 13/5/2023

Roll No.- 2331, 2330, 2324

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss.Thorat..Sanjivani..Santaji.....
.....Thorat..Durga..Amarsinh.....
.....Shaikh..Karinea..Rashid.....
.....
.....

of B.Sc. II have completed the Environmental project satisfactorily on
"....To..study..of..River..Aquatic..Ecosystem....."
....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal

Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Yashwantrao Chavan College
of Science, Karad





Yashwantrao Chavan Collage Of Science, Karad

Under Shivaji university, Kolhapur

B.Sc. - II

2022 - 2023

Enviromental studies

A project on

Study of plants of town hall area and their importance

Submitted by :

Sr.No	Studant name	Roll no.	Exam seat no.
1	Sanjana Anil Chavan	2334	26854
2	Rutuja Vikram jadhav	2335	26855
3	Saniya Dayanand kale	2336	26928
4	Sayali vidhyasagar kolhpure	2337	26929
5	Swapnali Sulindra Ovhal		

Under The Guidannce Of :

Mrs.Patil P.A (M.Sc.B.Ed.BJC)



Exam Seat No. - 26854, 26855, 26928, 26929 Date: 13/5/2023

Roll No.- 2334, 2335, 2336, 2337

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that *Mr./Miss.* Sanjana Anil Chavan
Rutuja Vikram E Jahhar
Saniya Dayanand kale
Sayli Vidyasagr Kohapure
Swapnali sulindra Ovtal

of B.Sc. II have completed the Environmental project satisfactorily on
"...To...study...of...plants...of...taran...hall...area...of...
...their...importants....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.

Prateek
13/05/23
Co-ordinator

Prateek
Head of Dept.
Department of Pollution

Prateek
Principal

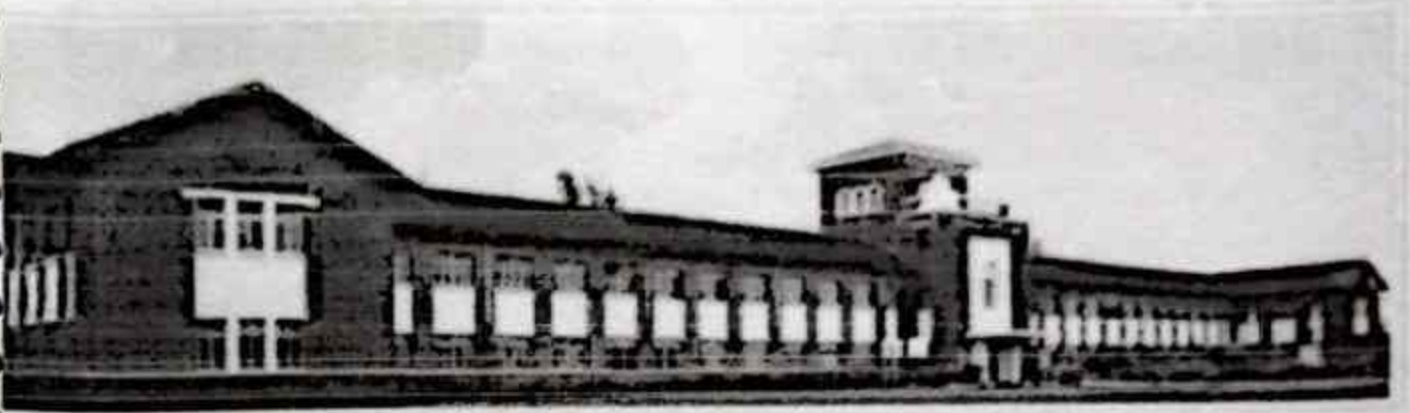
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad



27 G-57

Yashwantrao Chavan College of Science, Karad



Under Shivaji University, Kolhapur

B.Sc. - II
2022-2023

Environment studies

A project on

"To study of biogas plant and it's importance"

Submitted by :

Sr. No	Student Name	Roll no.	Exam seat no.
1.	Chavan Sanskar Pratap	2347	26653
2.	Jadhav Madhura Sudhakar	2348	26909
3.	Kumbhar Nikhil Chandrakant	2349	26663
4.	Latey Riya Ranjit	2350	26784
5.	Patil Mansi Arvind	2351	26836.

Under The Guidance Of :

Mrs. Patil P.A (M.Sc.B.Ed.BJC)



Exam Seat No. -26653, 26663, 26909, 26784, 26836 Date: 17-05-2023

Roll No. -2347, 2348, 2349, 2350, 2351.

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE


Reaccredited at the B⁺⁺ level by NAAC, Bangalore

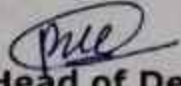


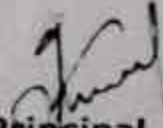
Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. ...Chavan... Sanskar... Pratap.....
...Jadhav... Madhura... Sudhakar.....
...Kumbhar... Nikhil... Chandrakant.....
...Latey... Riya... Rajit.....
...Patil... Manasi... Arvind.....

of B.Sc. II have completed the Environmental project satisfactorily on
".....To.....Study.....of.....biogas.....plant.....and.....its.....importance
....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal



Head
Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal
Yashwantrao Chavan College
of Science, Karad

Yashwantrao Chavan College Of Science, Karad



Under Shivaji University, Kolhapur

B.Sc. -II

2022-2023

Environment studies

A project on

"Impact of modern agriculture in environment"

Submitted by :

Sr.No.	Student Name	Roll No.	Exam Seat No.
1.	Kamble Prashant Keshav	2036	26 686
2.	Patil Suraj Sunil	2037	26 864
3.	Bitale Rajashri Shrimant	2038	26 861
4.	Jaware kumar Balaso	2268	26 662

Under the Guidance of

Mrs. Patil P.A (M.Sc.B.ed.BJC)



Exam Seat No. - 26686, 26864, 26861, 26662 Date: 13-5-2023

Roll No.- 2036, 2037, 2038, 2039

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore




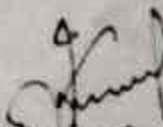
Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. ...Kamble...Prashant...Keshav.....
...Patil...Jusaj...Juni.....
...Bitale...Pajaski...Ishimant.....
...Jaware...Kumar...Balaso.....
.....

of B.Sc. II have completed the Environmental project satisfactorily on
"...Impact...of...modern...agriculture...in.....
...environment....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal



Head
Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad.

28

**YASHWANTRAO CHAVAN COLLEGE OF
SCIENCE, VIDYANAGAR, KARAD.
UNDER SHIVAJI UNIVERSITY, KOLHAPUR.**

B.Sc II Of the 2022-2023 Environment
Studies



A Project Report On

**“To Study of the impact of
NOISE POLLUTION ON HUMAN HEALTH AND
WILD LIFE”**

SR NO	NAME OF STUDENTS	ROLL NO	EXAM SEAT NO	SIGN
1	Patil Namrata Sudam	2352	26837	(Nirspati)
2	Veer Archana Dilip	2354	26911	Archer
3	Shinde Pranali Shankarrao	2355	26910	Pranali

**Under the Guidance
Mrs. P. A. Patil
(M.Sc, B. Ed)**



Exam Seat No. - 18151, 18152, 18153

Date: 13/05/2023

Roll No.- 2352, 2354, 2355

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore




Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. ..Patil.. Namrata.. Sudam.....
.....Veer.. Archana.. Dilip.....
.....Shinde.. Pranali.. Shankarrao.....
.....
.....

of B.Sc. II have completed the Environmental project satisfactorily on
".....To..study..impact..of..Noise..Pollution..on..Human.....
Health and wild life"....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal



Head
Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad.

Shivaji Shikshan Sanstha's

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.



UNDER SHIVAJI UNIVERSITY, KOLHAPUR

B.Sc.II

2022-2023

Environmental Studies

A

Project Report

On,

**"Study Of Impact Of Chemical Industry On
Environment "**

Submitted by,

Sr. No.	Name of Student	Roll no.	Exam no
1	Kharade Yash vijay	2363	26756
2	Mane Aniket Babaso	2364	26757
3	Patil Mayur Tukaram	2365	26758
4	Patil Nandkishor Subhash	2366	26759

Under guidance
Patil P.A (M.Sc. B.Sc.)



Exam Seat No. - 26756, 26757, 26758, 26759

Date: 13/5/2023

Roll No. - 2863, 2864, 2865, 2866

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

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore




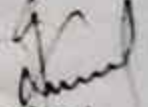
Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. Khosode...Yash...Vijay.....
...Mane...Aniket...Babasa.....
...Patil...Mayur...Tukaram.....
...Patil...Mandkishor...Subhash.....
.....

of B.Sc. II have completed the Environmental project satisfactorily on
"...Study...of...Impact...of...Chemical...Industrial
...On...Environment....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal



Head
Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad

Be One With The Downtrodden The Under Privileged

Yashwantrao Chavan College Of Science, Karad.



Under Shivaji University, Kolhapur

B. SC-II

2022-2023

Environmental Studies

A Project On

“Study Of Medicinal Plant In Village Area And Their Importance”

Submitted By

Sr.no	Students Name	Roll. No	Exam. No
1	Aniket Vishwanath Bhandavale 26747	2151	18050
2	Prathamesh Dhanaji Chavan 26651	2153	17887
3	Vivek Rajendra Divskar 26743	2155	17920
4	Sourabh Bapurao Rokade 26748	2159	18054
x	Aniket Bapurao Deshmukh 26658	2154	17921

Under The Guidance Of
Mrs. Patil P.A. (M. Sc. B. Ed. BJC)



Exam Seat No. -

Date: 12/05/2023

Roll No.- 2151, 2153, 2155, 2159, 2154

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies **CERTIFICATE**

This is to certify that Mr. / Miss. *Saamabh...bapuzar...Rokode*
..Aniket...Vishwanath...bhandorale
..Vivek...Rajendra...divskar
..Prathmesh...dhanaji...charan
..Aniket...bapuzar...deshmulkh

of B.Sc. II have completed the Environmental project satisfactorily on
".....*study of medicinal plant in village area and*
their important....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.

P. J. J.
12/05/23
Co-ordinator

J. J. J.
Head of Dept.
Head

J. J. J.
Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad.

26 G-22

Yashwantrao Chavan College of Science, Karad



Under Shivaji university, Kolhapur

B.Sc -
2022 - 2023

Environment studies

A project report on

Solar energy as a renewable energy

Submitted by :

Sr. No.	Student Name	Roll no.	Exam seat no.
1	Pawar Omkar Vijay	2141	26750
2	Pawar Prathamesh Anil	2142	26736
3	Rawate Gourav Madhukar	2143	26656
4	Surywanshi Sagar Shankar	2144	26661
4	Baswat Praful Ramesh	2147	26751

Under the Guidance of:

Mrs. Patil P. M. Sc. B. Ed.



Exam Seat No. - 18038, 18037, 18047, 18031 Date: 16/05/2023

Roll No.- 2041, 2142, 2143, 2144, 2147

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / M^{ss}. Omkar Vijay Pawar
..... Prathamesh Anil Pawar
..... Sagar Shankar Suryawanshi
..... Proful Ramesh Baswat
.....

of B.Sc. II have completed the Environmental project satisfactorily on
"Solar energy as a renewable energy"
..... as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.

Co-ordinator

Head of Dept.

Principal



Head
Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal
Yashwantrao Chavan College
of Science, Karad

Shivaji Shikshan Sanstha

**YASHWANTRAO CHAVAN COLLEGE OF
SCIENCE KARAD**



Environmental Studies

A

Project Report

On,

"Study Of Birds In Vidyanagar Area of Karad"

Class - B.Sc II

2022-23

Submitted by,

Sr.No.	Name of Student	Roll No.	Exam No.
1	Mr. Thorat Niranjana Santosh	2261	26813
2	Mr. Thorat Rohit Anil	2262	26814
3	Mr. Thorat Sridhar Ashok	2263	26815
4	Mr. Thorat Suraj Mohan	2264	26773
5	Mr. Thorat Yogesh Balasaheb	2265	26816

Under guidance of,
Patil P.A (M.sc.Bed. BJe)



Exam Seat No. -

Date: 12/05/2023

Roll No.- 2261, 2262, 2263, 2264, 2265.

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore

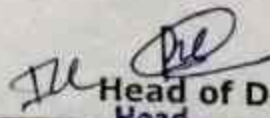


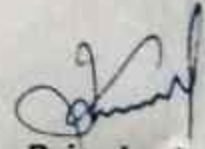
Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. 1) Thorat Niranjan Santosh
2) Thorat Shridhar Ashok
3) Thorat Yogesh Balasaheb
4) Thorat Suraj Mohan
5) Thorat Rohit Anil

of B.Sc. II have completed the Environmental project satisfactorily on
"Study of Bird In Vidyanagar Area of Karad."
....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad

Shivaji Shikshan Sanstha's

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.



UNDER SHIVAJI UNIVERSITY, KOLHAPUR

B.Sc.II

2022-2023

Environmental Studies

A

Project Report

On,

"Study Of Waste Water Utilization In Village"

Submitted by,

Sr. No.	Name of Student	Roll no.	Exam no
1	PAWAR PRAJWAL TANAJI	2253	26807
2	POL NIKITA SUNIL	2254	26808
3	SHINDE ABHINANDAN MANOHAR	2257	26652
4	SHINDE SAMEER SANTOSH	2259	26811
5	SHINDE SARANG RAJARAM	2260	26812

*Under guidance of,
Patil P.A (M.Sc B.Ed. B.JC)*



Exam Seat No. -

Date: 12-05-2023

Roll No.- 2253, 2254, 2257, 2259, 2260

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / M^{ss}. ... Powar... Prajwal Taraji

... Pol. Nikita Sunil

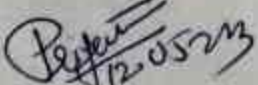
... Shinde. Abhinandan Manohar

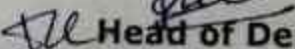
... shinde. Sumeer Santosh

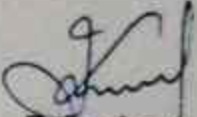
... shinde. Srirang Rajaram

of B.Sc. II have completed the Environmental project satisfactorily on
* Study of waste water utilization in village

..... * as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.
Head


Principal

Department of Pollution
Yashwantrao Chavan College of
Science Karad

Principal,
Yashwantrao Chavan College
of Science, Karad.



Shivaji Shikshan Sanstha's

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.



UNDER SHIVAJI UNIVERSITY, KOLHAPUR

B.Sc.II

2022-2023

Environmental Studies

A

Project Report

On,

"Study Of Importance of Vermicompost In Agriculture "

Submitted by,

Sr. No.	Name of Student	Roll no.	Exam no
1	Pawar Atharv Sachin	2252	26806
2	Pawar Aditya Balkrishna	2251	26805
3	Patil Soham Harishchandra	2250	26804
4	Mane Prasad Dattatray	2248	26802
5	Mahamuni Vikas Suresh	2247	26801

*Under guidance of,
Patil P.A (M.Sc B.Ed. B.JC)*



Exam Seat No. -

Date: 12-05-2023

Roll No.- 2252, 2251, 2050, 2248

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

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore

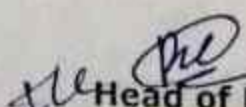


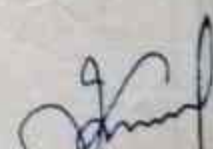
Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. ...Paawat Athav Sachin.....
.....Paawat Aditya Balkrishna
.....Patil Saham Huzichandra
.....Mah Prasad Dattatray.....
.....

of B.Sc. II have completed the Environmental project satisfactorily on
"...Study of Importance of Vermicompost
...In Agriculture....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.
Head


Principal
Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Yashwantrao Chavan College
of Science, Karad

Shivaji Shikshan Sanstha's

**YASHWANTRAO CHAVAN COLLEGE OF
SCIENCE, KARAD.**



UNDER SHIVAJI UNIVERSITY, KOLHAPUR

B.Sc.II

2022-2023

Environmental Studies

A

Project Report

On,

"Study Of Plant In College Campus"

Submitted by,

Sr. No.	Name of Student	Roll no.	Exam no
1	KADAM SHIVAM ARUN	2241	26786
2	KADAM SHUBHAM BHIMRAO	2242	26796
3	KADAM SUMEDH ANKUSH	2243	
4	PAWAR NITIN BANDU	2244	26651
5	KUMBHAR SHREYAS RAJENDRA	2245	26890

*Under guidance of,
Patil P.A (M.Sc B.Ed. B.JC)*



Exam Seat No. -

Date: 12-05-2023

Roll No.- 2241, 2242, 2243, 2244, 2245

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

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore

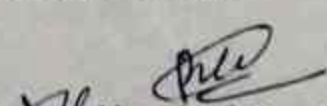


Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. ① KADAM SHIVAM ARUN.....
② KADAM SHUBHAM BHIMRAO.....
③ KADAM SUMEDH ANKUSH.....
④ PAWAR NITIN BANDU.....
⑤ KUMBHAR SHREYAS RAJENDRA.....

of B.Sc. II have completed the Environmental project satisfactorily on
*.....Study of Plant in college Campus.....
* as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.
Head


Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad.

Shivaji Shikshan Sanstha's
**YASHWANTRAO CHAVAN COLLEGE OF
SCIENCE, KARAD.**



UNDER SHIVAJI UNIVERSITY, KOLHAPUR

B.Sc.II

2022-2023

Environmental Studies

A

Project Report

On,

"Study Of Crop Diseases And Control Measures"

Submitted by,

Sr. No.	Name of Student	Roll no.	Exam no
1	Mali Omkar Mahadev	2007	26444
2	Mane Prajwal Manoj	2009	26645
3	More Akash Dipak	2010	26733
4	Nayakwadi Alphan Zakir	2012	26716
5	Chavan Sohan Sunil	2021030416	26732

Under guidance of,
Patil P.A (M.Sc., B.JC)



Exam Seat No. -

Date: 11/05/2023

Roll No.- 2007, 2009, 2010, 2012, 2021030416

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore




Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. .Mali...amkar...Mohadev.....
..Mane..prajwal...Manoj.....
..More..Akash...Dipak.....
..Nayakwadi..Alphon..zakir.....
..shavan...sohan...sunil.....

of B.Sc. II have completed the Environmental project satisfactorily on
"....study...of...crop...diseases...and...control.....
....measures....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad.

Shivaji Shikshan Sanstha's

**YASHWANTRAO CHAVAN COLLEGE OF
SCIENCE, KARAD.**



UNDER SHIVAJI UNIVERSITY, KOLHAPUR

B.Sc.II

2022-2023

Environmental Studies

A

Project Report

On,

"Study Of Traffic Problem In Karad City"

Submitted by,

Sr. No.	Name of Student	Roll no.	Exam no
1	Desai Vishvajeet Laxman	2228	26791
2	Dubal Sumit Vijay	2229	26792
3	Kadam Abhijeet Ramkrishna (Not confirmed)	2236	
4	Kadam Amar Dipak	2237	26793 26794
5	Kadam Prathamesh Premnath	2239	26798

*Under guidance of,
Patil P.A (M.Sc B.Ed. B.J.C)*



Exam Seat No. -

Date: 12/5/2023

Roll No.- 2228, 2229, 2236, 2237, 2239

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



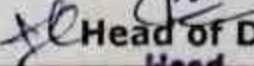
Environmental Studies **CERTIFICATE**


This is to certify that Mr. / M^{rs}. Desai Vishvajeet Laxman
Dubal sumit vijay
Kadam Abhijeet Ramkrishna
Kadam Amar Dipak
Kadam prathomesh PremNath.

of B.Sc. II have completed the Environmental project satisfactorily on
"Study of TOXIC Problems In Karad City"

....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad.

Shivaji Shikshan Sanstha's

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.



UNDER SHIVAJI UNIVERSITY, KOLHAPUR

B.Sc.II

2022-2023

Environmental Studies

A

Project Report

On,

"Study Of Traffic Problem In Karad City"

Submitted by,

Sr. No.	Name of Student	Roll no.	Exam no
1	Desai Vishvajeet Laxman	2228	26731
2	Dubal Sumit Vijay	2229	26775
3	Kadam Abhijeet Ramkrishna (Not confirmed)	2236	
4	Kadam Amar Dipak	2237	26777 26777
5	Kadam Prathamesh Premnath	2239	26778

Under guidance of,
Patil P.A (M.Sc B.Ed. B.JC)



Exam Seat No. -

Date: 12/5/2023

Roll No.- 2228, 2229, 2236, 2237, 2235

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore

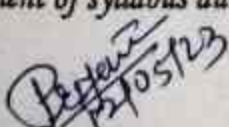


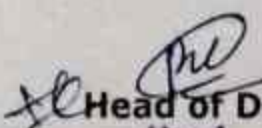
Environmental Studies **CERTIFICATE**


This is to certify that Mr. / Miss. Desai Vishvajeet Laxman
Dubal sumit vijay
Kadam Abhijeet Ramkrishna
Kadam Amar Dipak
Kadam prathmesh PremNath,

of B.Sc. II have completed the Environmental project satisfactorily on
"Study of Traffic Problems In Karad City"

....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.



UNDER SHIVAJI UNIVERSITY, KOLHAPUR

B.Sc.II

2022-2023

Environmental Studies

A

Project Report

On,

"Stdy Of Birds In Pritisangam Area Of Karad"

Submitted by,

Sr. No.	Name of Student	Roll no.	Exam no
1	Mr Chavan Ritesh Sambhaji	2223	26774
2	Mr Chavan Snehdeep Madhav	2224	26789
3	Mr Chavan Sahil Arun	2225	26778
4	Mr Dalavi Sanket Vikas	2226	26790

5. pawar Armit Anil

26639

Under guidance of,
Patil P.A (M.Sc B.Ed. B.JC)



Exam Seat No. -

Date: 12-05-2023

Roll No.- 2223, 2224, 2225, 2226

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

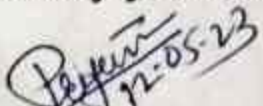
Reaccredited at the B⁺⁺ level by NAAC, Bangalore

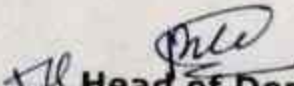


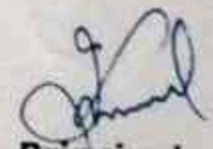
Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. 1) CHAVAN RITESH... SAMBHAJI.....
2) CHAVAN SNEHEEP... MADHAV.....
3) CHAVAN SAHIL... ARUN.....
4) DALAVI SANKET VIKAS.....
5) Pawar Amit Anil.....

of B.Sc. II have completed the Environmental project satisfactorily on
"Study of Birds in Pritisangam Area of Karad.....
....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.
Head


Principal
Principal

Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Yashwantrao Chavan College
of Science, Karad.



Shivaji Shikshan Sanstha's

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.



UNDER SHIVAJI UNIVERSITY, KOLHAPUR

B.Sc.II

2022-2023

Environmental Studies

A Project On

"Study Of Sagareshwar Birds Sanctuary"

Submitted by,

Sr. No.	Name of Student	Roll no.	Exam no
1	KHALKAR ARYA NARAYAN	2185	26829
2	KHANDAIT PRAJAKATA UMESH	2186	26830
3	KHOT KOMAL SHAMRAO	2187	45032
4	MAGARE AVANTIKA DATTATRAY	2188	28000
5	PATIL KRUPALI ASHOK	2191	26782

*Under guidance of,
Patil P.A (M.Sc B.Ed. BJC)*



Exam Seat No. -

Date: 12-05-2023

Roll No.- 2185, 2186, 2187, 2188, 2191

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies
CERTIFICATE

This is to certify that Mr. / Miss. *Khalkar Aaya Narayan*
Khandait Prajakta Umesh
Khat Kamal Shamrao
Magare Avantika Dattatray
Patil Krupali Ashok

of B.Sc. II have completed the Environmental project satisfactorily on
".....*Study of Sagreshwar Birds Sanctuary*.....
....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.

Peyar
12/05/23
Co-ordinator

Head
Head of Dept.

Principal
Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad

Shivaji Shikshan Sanstha's

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.



UNDER SHIVAJI UNIVERSITY, KOLHAPUR

B.Sc.II

2022-2023

Environmental Studies

A

Project Report

On,

"Study Of Ground Water Pollution "

Submitted by,

Sr. No.	Name of Student	Roll no.	Exam no	Sign
1	Miss .Patil Sanika Prakash	2193	26901	Patil
2	Miss. Patil Sanjana Tukaram	2194	26902	Patil
3	Miss. Patil Shivani Balu	2195	26823	Patil
4	Miss. Pol Sakshi Annaso	2197	26903	Sakshia
5	Miss. Ranbhor Neha ulhas	2198	2.6904	Debe

*Under guidance of,
Patil P.A (M.Sc B.Ed. B.JC)*



Exam Seat No. -

Date: 12-5-2023

Roll No.- 2193, 2194, 2195, 2197, 2198

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. Patil Sanika prakash

patil Sanjana Tukaram

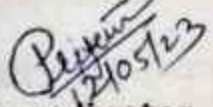
patil shivani Balu

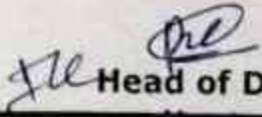
pal Sakshi Annaso

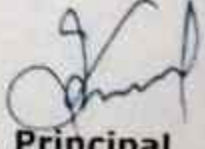
Ranbhar Neha ulhas

of B.Sc. II have completed the Environmental project satisfactorily on
* Study of Ground Water pollution

.....* as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad.

Yashwantrao Chavan Collage Of Science, Karad



Under Shivaji university, Kolhapur

B.Sc. – II

2022 – 2023

Environmental
studiesA project

Report on

To Study of survey and study of polluted water
bodiesin karad

Submitted by :

Sr.No	Student name	Roll no.	Exam seat no.
1	Pradnya Ganpat sankpal	2199	26833
2	Sarika Namdev sargar	2200	26905
3	Kshitija vijay shinde	2201	26907
4	Samiksha Prakash shinde	2202	26654
5	Rohini shantaram veer	2203	26848

Under The Guidance Of :



Mrs.Patil P.A (M.Sc.B.Ed.BJC)

Exam Seat No. -

Date: 12/05/2023

Roll No.- 2199, 2200, 2201, 2202, 2203.

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore




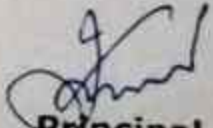
Environmental Studies **CERTIFICATE**

This is to certify that *Mr. / Miss.* Sankpal... Pradnya... Ganpat.....
Miss... Sargar... Sarika... Namdev.....
Miss... Shinde... kshilija... Vijay.....
Miss... Shinde... Samiksha... Prakash.....
Miss... Veez... Rohini... Shantaram.....

of B.Sc. II have completed the Environmental project satisfactorily on
"....To... Study... survey... and... study... of... polluted... water &
...bodies... in... Karad....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.
Head


Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad

Shivaji Shikshan Sanstha's

29 (434)
**YASHWANTRAO CHAVAN COLLEGE OF
SCIENCE, KARAD.**



UNDER SHIVAJI UNIVERSITY, KOLHAPUR

B.Sc.II

2022-2023

Environmental Studies

A project on,

**“Study of impact of acid rain on asthetic
rock,s”**

Submitted by:

Sr. No.	Name of Student	Roll no.	Exam no
1	Walekar Savita Balasaheb	2205	26834
2	Yadav Dipali Dilip	2206	26835
3	Yadav Mohini Manasing	2207	26825
4	Yadav Neha Nivas	2208	26826
5	Shewale Aishwarya Sayaji	2211	26806

*Under guidance of,
Mrs. Patil P.A (M.Sc B.Ed. BJC)*



Exam Seat No. -

Date: 12/5/2023

Roll No.- 2205, 2206, 2207, 2208, 2211

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies **CERTIFICATE**

This is to certify that Mr. / Miss. Walekar.. Savita.. Balasaheb.....

..Yadav.. Dipali.. Dilip.....

..Yadav.. Mohini.. Manasing.....

..Yadav.. Neha.. Nivas.....

..Shewale.. Aishwarya.. Sayaji.....

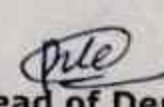
of B.Sc. II have completed the Environmental project satisfactorily on

"..Study of impact of acid rain on aesthetic.....

.....ROCKS....." as prescribed by Shivaji University, Kolhapur

as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad.

Yashwantrao Chavan College Of Science, Karad



Under Shivaji University, Kolhapur

B. Sc. – II

2022- 2023

Environment Studies

A project On

“L.P.G as a non-renewable source of energy”

Submitted By :

Sr. No.	Student Name	Roll No.	Exam Seat No.
1.	Jagtap Sanika Nivas	2004	26868
2.	Mandale Amruta Avinash	2008	26870
3.	Nikam Siddhi Ramesh	2013	26871
4.	Yadav Kiran Dipak	2024	26699
5.	Yadav Shweta Sunil	2025	26872

Under The Guidance Of

Mrs. Patil P. A. (B. Sc. & B.JC)



Exam Seat No. -

Date: 11/05/2023

Roll No.- 2004, 2008, 2013, 2024, 2025

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. ..Jagtap..Sanika..Nivas.....

..Mandale..Amruta..Avinash.....

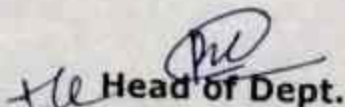
..Nikam..Siddhi..Ramesh.....

..Yadav..Kiran..Dipak.....

..Yadav..Shweta..Sunil.....

of B.Sc. II have completed the Environmental project satisfactorily on
"..L.P.G.R.S..D.NAN..RENEWABLE..SOURCE..OF..ENERGY".....
....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal

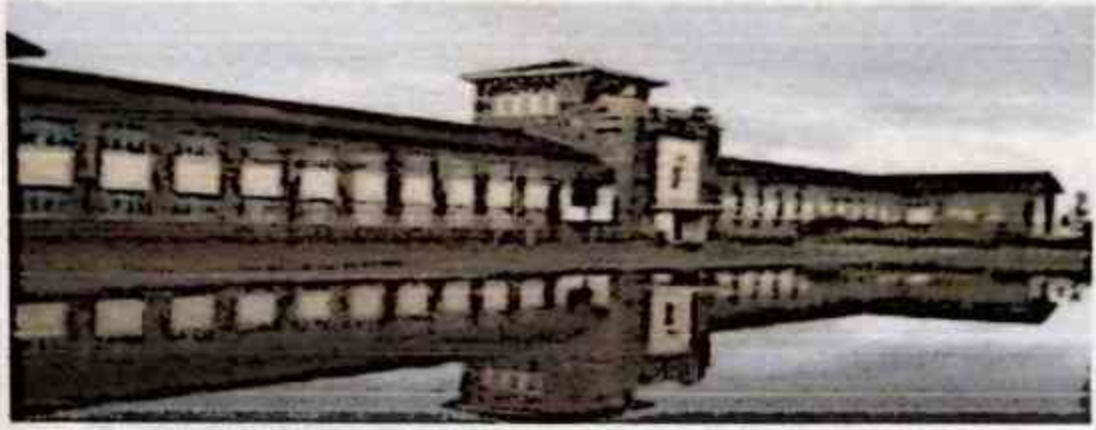


Head
Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF
SCIENCE, VIDYANAGAR, KARAD.

UNDER SHIVAJI UNIVERSITY, KOLHAPUR.



B.SC. II

Of the

2022/2023

Environment studies

On

“Study of effects of flood in Uttarakhand”

Submitted by

Sr.no.	Name of the student	Roll no	Exam seat no.	Sign
1	Avinash Rajendra Thorat	2019	26696	<i>Avinash Thorat</i>
2	Karan Krushnat Kharat	2020	26869	<i>Karan Kharat</i>
3	Shambhuraj Vijay Thorat	2021	26718	<i>Shambhuraj Thorat</i>
4	Sushant Shantinath Waghmare	2022	26697	<i>Sushant Waghmare</i>
5	Darshan Dada Yadav	2023	26698	<i>Darshan Yadav</i>



Exam Seat No. -

Date: 11-05-23

Roll No.- 2019, 2020, 2021, 2022, 2023.

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore

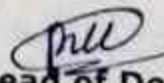


Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss: Avinash Rajendra Thorat
Karan Krushnat Khoslat
Shambhuraj vijay Thorat
Sushant Shantirath Waghmare
Darshan Dada Yadav

of B.Sc. II have completed the Environmental project satisfactorily on
" study of effects of flood in uttarakhand "
..... " as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.
Head


Principal
Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Yashwantrao Chavan College
of Science, Karad

Shivaji Shikshan Sanstha's

G21

**YASHWANTRAO CHAVAN COLLEGE OF
SCIENCE, KARAD.**



UNDER SHIVAJI UNIVERSITY, KOLHAPUR

B.Sc.II

2022-2023

Environmental Studies

A

Project Report

On,

**"Study Of Hospital Waste Management In
Karad City "**

Submitted by,

Sr. No.	Name of Student	Roll no.	Exam no
1	Garud Jayadarsh Shivaji	2136	26735
2	Gharge Rohan Vijay	2137	26737
3	Kadam Pratham Mangesh	2138	26738
4	Kadam Saurabh Ashok	2139	26752
5	Kadam Varun Sanjay	2140	268753

*Under guidance of,
Patil P.A (M.Sc B.Ed. B.JC)*



Exam Seat No. - 26725, 26737, 26738, Date: 12-05-23
26752, 26753
Roll No.- 2136, 2137, 2138, 2139, 2140

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. 1) Girrud Jayakrish Shivaji.....
2) Gihunge Rohan Vijay.....
3) Kadam Bhatam Mangesh.....
4) Kadam Saurabh Ashak.....
5) Kadam Varun Sanjay.....

of B.Sc. II have completed the Environmental project satisfactorily on
"...Study of Hospital Waste Management in
Karad city....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.

Prasanna
12-05-23
Co-ordinator

[Signature]
Head of Dept.

[Signature]
Principal

Head
Department of Pollution
Yashwantrao Chavan College of
Science, Karad



**YASHWANTRAO CHAVAN COLLEGE OF
SCIENCE, VIDYANAGAR, KARAD.**



**UNDER SHIVAJI UNIVERSITY, KOLHAPUR.
B. Sc. II**

**2022-2023
Environment Studies**

**A Project Report On
"TO STUDY OF IMPACT OF WATER POLLUTION"**

Submitted by

Sr No	Name of Students	Rol lno	ExamSeatNo
1	Shinde Purvesh Dipak	2064	26719
2	Sutar Pranav Kumar	2065	26728
3	Umbare Ajay Vijay	2066	26729
4	Yadav Vrushabh Shahaji	2067	26730
5	More Omkar Shankar	2073	26710

**Under the Guidance
Mrs. P. A. Patil
(M.Sc., B.Ed., B.J.C.)**



Exam Seat No. -

Date: 11/5/2023

Roll No.- 2064, 2065, 2066, 2067, 2073

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. *Shinde purvesh dipak*
Sutar Pranshu Kumar
Umbare Ajay Vijay
Yadav vrushabh shahaji
more omkar Shankar

of B.Sc. II have completed the Environmental project satisfactorily on
".....*To Study of impact water pollution*.....
....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.

Pijou 11-5-23
Co-ordinator

[Signature]
Head of Dept.
Head

[Signature]
Principal
Principal,

Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Yashwantrao Chavan College
of Science, Karad



28 G-30
Yashwantrao Chavan College of Science, Karad



Under Shivaji University, Kolhapur

Bsc. -II

2022-2023

Environment Studies

A project on

"Study of Biodiversity of Khodashi Dam"

Submitted by :

Sr.No	Student Name	Roll No	Exam Seat No	Sign
1.	Deshmukh Tilottama Sanjay	2177	26897	T.S. Deshmukh
2.	Disale Sandhya Pandurang	2178	26898	Disale
3.	Jadhav Kanchan Mansing	2180	26819	Kanchan
4.	Jadhav Tejashri Madan	2183	26821	Jadhav
5.	Jangam Anushri Dilip	2184	26899	A.D. Jangam

Under The Guidance of :

Mrs. Patil P.A (M.Sc.B.Ed.BJC)



Exam Seat No. -

Date: 12-05-23

Roll No.-2177, 2178, 2180, 2183, 2184

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore

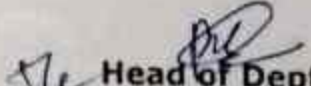


Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. Deshmukh.....Tilottama.....Sanjay.....
Disale.....Sandhya.....Pandurang.....
Jadhav.....Kanchan.....Mansing.....
Jadhav.....Tejashri.....Madan.....
Jangam.....Anushri.....Dilip.....

of B.Sc. II have completed the Environmental project satisfactorily on
"Study of Biodiversity of Khodashi Dam"
..... as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal

Department of Pollution
Yashwantrao Chavan College of
Science, Karad



Yashwantrao Chavan College of Science, Karad



Under Shivaji University, Kolhapur

B.Sc.-II

2022-2023

Environment studies

A project on

"TO STUDY THE EFFECT OF MALNUTRITION ON HUMAN HEALTH"

Submitted by :

Sr. No.	Student Name	Roll no.	Exam seat no.
1.	LOKARE CHETAN SHASHIKANT	2051	26877
2.	MOHITE PRANAV PRALHAD	2052	26726
3.	MORE GANESH CHANDRAKANT	2053	26709
4.	MORE VISHAL VINAYAK	2054	26702
5.	MALI ADITYA BABASO	2028	26723

Under The Guidance Of :

Mrs. P. A. Patil (M.Sc., B.Ed., BJC)



Exam Seat No. -

Date: 11-05-2023

Roll No.- 2051, 2052, 2053, 2054, 2028

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore

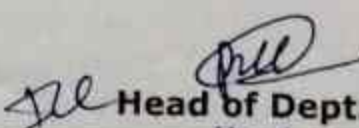



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. 1) Lokare chetan shashikant.....
2) Mohite pranav pralhad.....
3) More ganesh chandrakant.....
4) More vishal vinayak.....
5) Mali aditya babasa.....

of B.Sc. II have completed the Environmental project satisfactorily on
".....To study effect of.....malnutrition.....on.....human
.....Health....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.
Head


Principal
Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Yashwantrao Chavan College of
Science, Karad.

B.SC II

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD



Under Shivaji University, Kolhapur

B.Sc II

2022 -23

Environmental Studies

A Project Report On

"To Study the Impact of Festivals on Environment"

Submitted by :

Sr. no.	Students Name	Roll No.	Exam seat no.
01	Miss. Chandanshive Tejaswini Rohidas	2152	26884
02	Miss. Nikam Vedantika Mahesh	2158	26659
03	Miss. Mali Sonali Rajaram	2157	26745
04	Mr. Kadam Prashant Dattatray	2156	26725

Under the guidance of :

Mrs. Patil P.A.

(M.sc,B.Ed,BJC)



Exam Seat No. -

Date: 12/5/2023

Roll No.- 2152, 2158, 2157, 2156

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. Chandanshive Pejawani Rohidas
Nikam Madantika Tahesh
Itali Ganali Rajaram
Kadam Peashant Dattatray

of B.Sc. II have completed the Environmental project satisfactorily on
"Study on impact of festival on environment"
as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.

Co-ordinator

Head of Dept.

Principal



Head
Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad.

27 G-25

Shivaji Shikshan Sanstha's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.



UNDER SHIVAJI UNIVERSITY, KOLHAPUR

B.Sc.II

2022-2023

Environmental Studies

A Project On

"To study the effect of Land Degradation"

Submitted by :

Sr. No.	Name of Student	Roll no.	Exam no
1	Shikalgar Nilophar Rajekhan	2160	26885
2	Taware Prashant Tanaji	2161	26746
3	Thorat Priti Pandurang	2162	26887
4	Thorat Snehal Bhaskar	2163	26766
5	Shinde Saish Ishwar	2164	26886

Under Guidance of

Mrs. Patil P.A (M.sc. B.ed. B|C)



Exam Seat No. -

Date: 12-5-2023

Roll No.- 2160, 61, 62, 63, 64

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. *Shikalgar Nilophar Rajekhan*.....

To.ware.prashant.Tanaji.....

Thorat.priti.pandurang.....

Thorat.snehal.Bhaskar.....

shinde.Saish.Ishwar.....

of B.Sc. II have completed the Environmental project satisfactorily on
".....*To study the effect of Land Degradation*
....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.

Peyeur
12/05/23
Co-ordinator

Pill
Head of Dept.
Head

[Signature]
Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad

25 926

Yashwantrao Chavan Collage Of Science, Karad



Under Shivaji university, Kolhapur

B.Sc. - II

2022- 2023

Environment studies

A project on

Study of Importance Of Biofertilizer And
Agriculture

Submitted by :

Sr.No	Studant name	Roll no.	Exam seat no.
1	Gaurav Tanaji Angarkhe	2172	26392
2	Shadab Jamal Inamdar	2179	26780
3	Prasad. Shrimant Jadhav	2181	
4	Prasad Vishwanath Jadhav	2182	26820
5	Sagar Dadaso Padalkar	2189	26781

Under The Guidannce Of :

Mrs.Patil P.A (M.Sc.B.Ed.BJC)



Exam Seat No. -

Date: 12.05-2023

Roll No.- 2172, 2179, 2181, 2182, 2189

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. 1) Goukav... Tanadi... Angakhhe.....

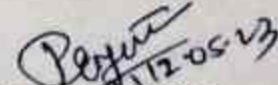
2) Shadab... Jamal... Inamdax.....

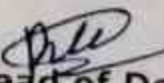
3) P. Sasad... Shximant... Jadhav.....

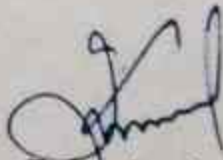
4) P. Sasad... Vishvnoth... Jadhav.....

5) Sagax... Dadasa... Padalkod.....

of B.Sc. II have completed the Environmental project satisfactorily on
"Study... of... Importance... of... Biofertilizers
and... Agriculture....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.
Head


Principal

Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad



Shivaji Shikshan Sanstha's

**YASHWANTRAO CHAVAN COLLEGE OF
SCIENCE, KARAD.**



UNDER SHIVAJI UNIVERSITY, KOLHAPUR

B.Sc.II

2022-2023

Environmental Studies

A project on,

“Solid Waste Management In Karad City”

Submitted by:

Sr. No.	Name of Student	Roll no.	Exam no
1	Aundhakar Vaishnavi Satish	2171	26848
2	Chavan Sakshi Shivaji	2173	26844
3	Desai Aeisha Salim	2174	26895
4	Desai Priyanka Balaso	2175	26779
5	Deshmukh Supriya Sanjay	2176	26896

Under guidance of,

Mrs. Patil P.A (M.Sc B.Ed. BJC)



Exam Seat No. -

Date: 12/05/2023

Roll No.- 2171, 2173, 2174, 2175, 2176

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies **CERTIFICATE**

This is to certify that Mr. / Miss. Aundhakar...Vaishnavi...Satish.....

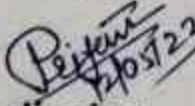
Chavan...Sakshi...Shivaji.....

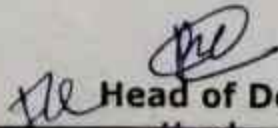
Desai...Aeisha...salim.....

Desai...Priyanka...Balasa.....

Deshmukh...Supriya...Sanjay.....

of B.Sc. II have completed the Environmental project satisfactorily on
".....Solid.....Waste.....Management.....In.....Karad.....City....."
....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Yashwantrao Chavan College
of Science, Karad.

27 G-28

Yashwantrao Chavan Collage Of Science, Karad



Under Shivaji university, Kolhapur

B.Sc. - II

2022 - 2023

Environment studies

A Project. on

Study Of ETP Plant in Sahyadri Sugar Industry

Submitted by :

Sr.No	Student name	Roll no.	Exam seat no.
1	Pankaj Shrikant Vadkar	2204	26824
2	Rohan jaywant Yadav	2209	
3	Shambhuraj Sanjay Yelave	2210	26827
4.	yadav Rohan jaywant	26908	

Under The Guidannce Of :

Mrs.Patil P.A (M.Sc.B.Ed.BJC)



Exam Seat No. -

Date: 12-05-23

Roll No.- 2204, 2209, 2210

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies **CERTIFICATE**

This is to certify that Mr. / M^{ss}. ..1. pankaj shrikant vadkar.....
.....2. Rohan Jaywant Yadav.....
.....3. Shambhuraj Sanjay Telave.....
.....4. Yadav Rohan Jaywant.....
.....

of B.Sc. II have completed the Environmental project satisfactorily on
"Study of ETP Plant In Sahyadri.....
Sugar Industry....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.

B. Bilal
12-05-2023
Co-ordinator

[Signature]
Head of Dept.

[Signature]
Principal

Yashwantrao Chavan College
of Science, Karad.

Head
Department of Pollution
Yashwantrao Chavan College of
Science, Karad



Yashwantrao Chavan Collage Of Science, Karad



Under Shivaji university, Kolhapur

B.Sc. - II

2022- 2023

Environment studies

A project on

Study of ETP Plant in Koyna Dairy

Submitted by :

Sr.No	Student name	Roll no.	Exam seat no.
1	Aniket Rajendra Parugade	2190	26831
2	Prathmesh Ananda Patil	2192	26822
3	Sushant Uttam Phuke	2196	26832
4	Kadam prathmesh prammith		26778
5	Jadlov prasad shrimant		26828

Under The Guidance Of :

Mrs.Patil P.A (M.Sc.B.Ed.BJC)



Exam Seat No. -

Date: 12-05-2023

Roll No.- 2190, 2192, 2196

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / ~~Ms.~~ 1) Aniket Rajendra Panugade.....

2) Prathmesh Ananda Patil.....

3) Sushant Uttam Phuke.....

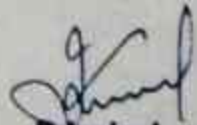
4) Kadam Prathmesh Poojnath.....

5) Jadhav Prasad Shrinand.....

of B.Sc. II have completed the Environmental project satisfactorily on
"..... Study of E.T.P. Plant in Kanya Dairy".....
....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.
Head


Principal
Yashwantrao Chavan College
of Science, Karad

Department of Pollution
Yashwantrao Chavan College of
Science, Karad



Yashwantrao Chavan College Of Science, Karad



Under Shivaji University, Kolhapur

B.Sc. - II

2022-2023

Environment studies

A project On

"To study of Impact of Air Pollution On Environment"

Submitted by :

Sr.No.	Student Name	Roll No.	Exam Seat No
1.	Gaikwad Prajka Ankush	2031	26862
2.	Jhadhav Vishwamohini Yuvaraj	2032	26863
3.	Pwar Digvijay Raviraj	2033	26865
4.	Survaynshi Vivek Dadaso	2034	26866
5	Yadav Shivajali Vinayak	2035	26867

Under The Guidance Of

Mrs. Patil P.A (M.Sc.B.ed.BJC)



Exam Seat No. -

Date: 11-05-2023

Roll No.- 2031, 2032, 2033, 2034, 2035

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore




Environmental Studies **CERTIFICATE**

This is to certify that Mr. / Miss. Craikwad Prajakta Ankuh
Jodhav Vishwamohini Yuvraj
Pawar Digvijay Raviraj
Suryawanshi Vivek Dadao
Yadav Shivanjali Vinayat

of B.Sc. II have completed the Environmental project satisfactorily on
"To study of Impact of Air Pollution on Environment"
....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal

Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad



Yashwantrao Chavan College of Science, Karad



Under Shivaji University, Kolhapur

B.Sc.-II

2022-2023

Environment studies

A project on

"STUDY OF SOLID WASTE MANAGEMENT IN KARAD "

Submitted by :

Sr. No.	Student Name	Roll no.	Exam seat no.
1.	BORGAONKAR NIKHIL BHANUDAS	2041	26700
2.	JADHAV ADITYA SANTOSH	2044	26705
3.	KALANTRE ANIL SACHIN	2048	26707
4.	KASHID VIVEK NAMDEV	2049	26876
5.	KATE PRIYASH SUBHASH	2050	26725

Under The Guidance Of :

Mrs. P. A. Patil (M.Sc., B.Ed., BJC)



Exam Seat No. -

Date: 11.05.2023

Roll No.- 2041, 2044, 2048, 2049, 2050

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. 1. Borgaonkar... Nikhil... Bhanudas...

2. Tadhar... Aditya... Santosh.....

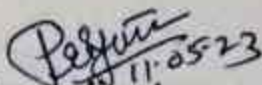
3. Kalantre... Amil... Sachin.....

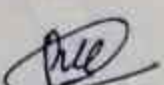
4. Kashid... Vivek... Namdev.....


5. Kate... Priyash... Subhash.....

of B.Sc. II have completed the Environmental project satisfactorily on
"Study of Solid Waste Management in Karad"

.....* as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.
Head


Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD



Under Shivaji university, Kolhapur

BSC COMPUTER SCIENCE ENTIRE-II

2022-2023

ENVIRONMENTAL STUDIES

A Project on

"STUDY OF ROLL OF GREEN AUDIT IN ENVIRONMENT"

Submitted by

Sr.no	Student Name	Roll no	Exam no
1.	Miss.Gaikwad Anisha Anil	2043	26873
2.	Miss.Jadhav Sanika Haridas	2046	26706
3.	Miss.Chavan Shital Laxman	2042	26696
4.	Miss.Jadhav Vaishanavi Sitaram	2045	26712
5.	Mr. Kumbhar Akshat Hauserao	2123	26640

UNDER THE GUIDANCE OF
Prof.Patil.P.A. [M.Sc.B Ed.BJC]



Exam Seat No. -

Date: 11/05/2023

Roll No.- 2043, 2046, 2042, 2045, 2123

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore




Environmental Studies **CERTIFICATE**

This is to certify that Mr. / Miss. Gaikwad Anisha Anil
Jadhav Sanika Haridas
Chavon Shital Laxman
Jadhav Vaishnavi Sitaran
Mr. Kumbhar Akshat Houserao

of B.Sc. II have completed the Environmental project satisfactorily on
".....Study of roll of green audit in environment....."
....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE,

VIDYANAGAR, KARAD.

UNDER SHIVAJI UNIVERSITY, KOLHAPUR.

B.SC. II

Of the

2022-2023

Environment studies



A project report

On

“Study of poaching of animals and plants it's effect on environment”

Submitted by

Sr.no.	Name of the student	Roll no.	Sign
1	Apoorv Vasant Bandekar	2001	A. Bandekar 26721
2	Rahul Raju Dodmani	2002	R. Dodmani 26772
3	Shubham Dhanaji Fadatore	2003	S. Fadatore 26689
4	Manoj Anandrao Kadam	2005	M. Kadam 26642
5	Karan Hanmant kumbhar	2006	K. Kumbhar 26693

Under the guidance of

Mrs.Patil P.A.(M.Sc.B.ed.BJC)



Exam Seat No. -

Date: 11/05/2023

Roll No.- 2001, 2002, 2003, 2005, 2006.

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss: Apoorv...Vasant...Bandekar.....
Rahul...Raju...Dodmani.....
Shubham...Dhanaji...Fadatar.....
Manoj...Anandrao...Kadam.....
Karan...Hanmant...Kumbhar.....

of B.Sc. II have completed the Environmental project satisfactorily on
"...Poaching...of...Animals...and...plants...in...India..."
.....* as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.

Co-ordinator

Head of Dept.

Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad.

**YASHWANTRAO CHAVAN COLLEGE OF SCIENCE,
VIDYANAGAR, KARAD.**

UNDER SHIVAJI UNIVERSITY, KOLHAPUR.

B.SC. II

Of the

2022-2023

Environment studies



A project report

On

“Study of the drinking water treatment plant”

Submitted by

Sr.no.	Name of the student	Roll no.	Exam seat no.	Sign
1	Patil Shantanu Bhaskar	2014	26488	Patil
2	Patil Shrikant Subhash	2015	26443	Patil
3	Shinde Bharat Madhukar	2016	26635	Shinde
4	Tapase Ganesh Nilesh	2017	26632	Tapase
5	Tewar Mukesh Rajesh	2018	26717	Tewar

Under the guidance of

Mrs.Patil P.A.(M.Sc.B.ed.BJC)



Exam Seat No. -

Date: 11-05-2023.

Roll No.- 2014, 2015, 2016, 2017, 2018.

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies **CERTIFICATE**

This is to certify that Mr. / Miss. *Shinde Bharat Madhukar*.....
..... *Patil Shantanu Chaskar*.....
..... *Patil Shrikant Subhash*.....
..... *Jayase Ganesh Nilesh*.....
..... *Jewar Anurag Rajesh*.....

of B.Sc. II have completed the Environmental project satisfactorily on
"..... *Study of drinking water treatment plant*....."
..... " as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.

Pravin
TF-5-23
Co-ordinator

Head
Head of Dept.
Head

Principal
Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD



UNDER SHIVAJI UNIVERSITY, KOLHAPUR.

B.S.C - C.S II

2022-2023

Environment Studies

A Project Report

On

"Study of wind mill as renewable source of energy"

Submitted by:

Sr no	Name of student	Roll no	Exam seat no
1	Patil Pratik Sanjay	2057	26703
2	Pawar Viraj Rajesh	2060	26715
3	Salunkhe Pawan Shridhar	2062	26704
4	Satwasheel Bhushan Ashok	2063	26647
5	Salunkhe Nitin Baban	2030	26694

Under the Guidance of

Mrs. P. A. Patil

(M.Sc., B. Ed., BJC)



Exam Seat No. -

Date: 11-05-2023

Roll No.- 2057, 2060, 2062, 2063, 2030

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore

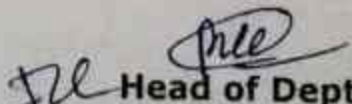


Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. Patil Pratik Sanjay
Pawar Viraj Rajesh
Salunkhe Pawan Shridhar
Satwaseel Bhushan Ashok
Salunkhe Nitin Baban

of B.Sc. II have completed the Environmental project satisfactorily on
"Study of wind mill as renewable source
of energy" as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.
Head


Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad.

25 222
Be One With The Downtrodden The Under Privileged

Yashwantrao Chavan College Of Science, Karad.



Under Shivaji University, Kolhapur

B.Sc. cs. (Entire)-II

2022-2023

Environmental Studies

A Project on

“To study the conservation method of natural resources”

Submitted By

SR NO	NAME OF STUDENTS	ROLL NO	EXAM SEAT NO
1	WaskeTejas Sunil	9305	956
2	Ubale Akash Hanmant	9304	955
3	Throat Pranit Ankush	9302	953
4	Thoke Rajat Ravindra	9301	954

Under The Guidance Of

Mrs. patil P.A.
(M.SC.B.Ed.BJC)



Exam Seat No. - 956/955/954/953

Date: 22/05/2023

Roll No.- 9305/9304/9302/9301.

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

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

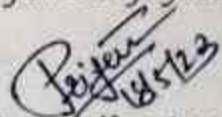
Reaccredited at the B⁺⁺ level by NAAC, Bangalore

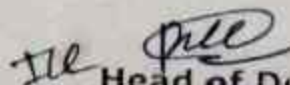


Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. Rajat Ravindra Thoke
Tejas Sunil Waske
Akash Hanmant Ubale
Tharut Pranit Ankush

of B.Sc. II Computer Science (Entire) have completed the Environmental project satisfactorily on
"To study the conversation method of natural
Resources." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad

28 923
Be One With The Downtrodden The Under Privileged

Yashwantrao Chavan College Of Science, Karad.



Under Shivaji University, Kolhapur

B.Sc. cs. (Entire)-II

2022-2023

Environmental Studies

A Project on

“To Study Of Concept Of 5R Cycle”

Submitted By

SR NO	NAME OF STUDENT	ROLL NO	EXAM SEAT NO
1	Yadav Shambhuraj Rajendra	9306	964
2	Yewale Sanket Dipak	9307	1047
3	Anekar Prathamesh Pranesh	9308	950

Under The Guidance Of

Mrs. patil P.A.

(M.SC.B.Ed.BJC)



Exam Seat No. - 9641, 1047, 950

Date: 18/05/2023

Roll No.- 9306, 9307, 9308

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. 1) Yadav Shambhuraaj Rajendra.....

2) Kewale Sanket Dipak.....

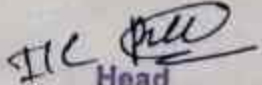
3) Anekar Prathmesh Pranesh.....

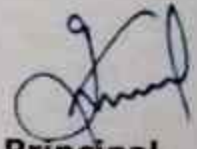
of B.Sc. II Computer Science (Entire) have completed the Environmental project satisfactorily on

"To study of concept of SR cycle....."

..... as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept
Department of Pollution


Principal



Principal,
Yashwantrao Chavan College
of Science, Karad

[Type here]

28 (14)

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD



Under Shivaji university, Kolhapur

BSC COMPUTER SCIENCE ENTIRE-II

2022-23

ENVIRONMENTAL STUDIES

A Project on

"TO STUDY OF CARBON CREDIT"

Sr.No	Student Name	Roll No.	Exam seat NO.
1	Jadhav Viraj Manoj	9238	1042
2	Janugade Shreyash Mahendra	9240	988
3	Kadam Amar Vijaykumar	9241	989
4	Katkar Suraj Sanjay	9244	1031
5	Katkar Vaibhav Gajanan	9245	990

UNDER THE GUIDANCE OF

Prof.Patil.P.A. [M.Sc.B.Ed.BJC]

Yashwantrao Chavan College of science, Karad



Exam Seat No. - 1042, 988, 989, 1031, 990 Date: 18-05-2023

Roll No.- 9238, 9240, 9241, 9244, 9245

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

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore

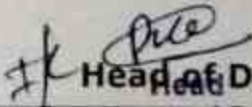


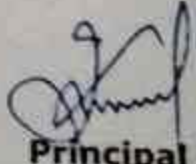
Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. Jadhav Viraj Manoj
..... Janugade Shreyash Mahendra
..... Kadam Amar Vijaykumar
..... Kabkar Suraj Sanjay
..... Kabkar Vaibhav Gajanan

of B.Sc. II Computer Science (Entire) have completed the Environmental project satisfactorily on
*..... To study of carbon credit
.....* as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal

Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE VIDYANAGAR, KARAD



BSC-COMPUTER SCIENCE (ENTIRE) II
ENVIRONMENTAL STUDIES
UNDER SHIVAJI UNIVERSITY, KOLHAPUR

2022-2023

A Project Report

On

TO STUDY SEWAGE TREATMENT PLANT IN MALKAPUR

SUBMITTED BY

Sr. No.	Name of the student	Roll No	Exam Roll No.
1	Mr. Nilesh Anil Jadhav	9032	984
2	Mr. Omkar Dipak Jadhav	9033	985
3	Mr. Prathamesh Bhagwan Jadhav	9034	986
4	Mr. Rushi Sandip Jadhav	9035	
5	Mr. Pratik Nanaso Jadhav	9036	987

UNDER GUIDANCE OF

Mrs. P.A. Patil (M.Sc. B. Ed. BJC)



Exam Seat No. - 984, 985, 986, 987

Date: 18/05/2023

Roll No.- 9232, 9233, 9234, 9235, 9236

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

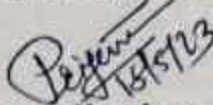
Reaccredited at the B⁺⁺ level by NAAC, Bangalore

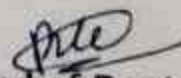


Environmental Studies
CERTIFICATE

This is to certify that Mr. / Miss. Nilesch... Anil... Jadhav.....
..... Omkar... Dipak... Jadhav.....
..... Parthamesh... Bhagwan... Jadhav.....
..... Pivatik... Nanasa... Jadhav.....
..... Rushi... Sandip... Jadhav.....

of B.Sc. II Computer Science (Entire) have completed the Environmental project satisfactorily on
"..... To... study... sewage... treatment... plant... in... Malkapur..
....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.
Department of Pollution
Yashwantrao Chavan College of
Science, Karad


Principal

Principal,
Yashwantrao Chavan College
of Science, Karad

TO STUDY GANGA ACTION PLAN ON ENVIROMENT

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.



B.sc. II Computer science (Entire)

2022-2023

Environment Studies

A Project Report On

“TO STUDY GANGA ACTION PLAN”

SR NO	NAME OF STUDENTS	ROLL NO	EXAM SEAT NO
1	KUMBHAR AMRUTRAJ NARAYAN	9250	1004
2	KHILARE SANGRAM ARUN	9249	1045
3	KHANDAGALE HARSHVARDHAN VIKRAM	9248	1016
4	KENJALE MANGESH KISAN	9247	995
5	KAZI ANNIS SIRAJ	9246	1050

Under the Guidance

Mrs. P. A. Patil

(B.Sc.,M.Sc.,B.Ed.,BJC)



GROUP NO = 25

Exam Seat No. - 1004, 1045, 1016, 995, 1050 Date: 17-04-2023

Roll No.- 9250, 9249, 9248, 9247, 9246

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

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. ..Kumbhar....Amrutraj...Narayan.....

...Kazi...Annis...Siraj.....

..Khundagale..Harshvardhan..Vikram...

..Khilare...Sangram...Arun.....

....Kenjale...Mangesh...Kisan.....

of B.Sc. II Computer Science (Entire) have completed the Environmental project satisfactorily on

".....To.....study.....Ganga.....action.....plan....."

....." as prescribed by Shivaji University, Kolhapur

as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal

Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad.



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE

VIDYANAGAR, KARAD



BCS-II

ENVIRONMENTAL STUDIES

UNDER SHIVAJI UNIVERSITY, KOLHAPUR

2022-2023

A Project Report On

"TO STUDY IMPORTANCE OF GRAM SWACHHATA ABHIYAN IN VILLAGES"

SUBMITTED BY

Sr.no.	Name of the student	Roll no.	Exam Roll no.
1	More Ganesh Jagannath	9259	1054
2	More Pratik Laxman	9260	963
3	More Rohan Ramesh	9261	951
4	Lohar Shubham Ananadrao	9251	1048
5	Masugade Aniket Shankar	9256	1005

UNDER GUIDANCE OF

Mrs. P. A. Patil (M. Sc. B. Ed. BJC)

Yashwantrao Chavan College of Science, Karad



**YASHWANTRAO CHAVAN COLLEGE OF SCIENCE,
KARAD.**

UNDER SHIVAJI UNIVERSITY, KOLHAPUR.

B.SC Computer Science II (Entire)

2022-2023

Environment Studies



A Project Report On

“TO STUDY THE CONSUMIRISM”

Submitted by:

SR NO	NAME OF STUDENTS	ROLL NO	EXAM SEAT NO
1	MORE SUMIT SUNIL	9262	1006
2	NALAWADE PRATHMESH SANJAY	9263	959
3	NIKAM MANDAR UDAY	9264	1007
4	PATHAN SAHIL ASIF	9265	1029
5	PATIL ABHAY AJIT	9266	1008

Under the Guidance Of :

Mrs. P. A. Patil (M.Sc., B. Ed., BJC)



Exam Seat No. - 1006, 959, 1007, 1024, 1008

Date: 18/5/2023

Roll No.- 9262, 9263, 9264, 9265, 9266

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

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss.Moxe Sumit Sunil.....

.....Nakaberade Prathamesh Sanjay.....

.....Nikam Mandar Uday.....

.....Pathan Sahil Ss Asif.....

.....Patil Abhay Ajit.....

of B.Sc. II Computer Science (Entire) have completed the Environmental project satisfactorily on

.....To study the consumerism.....

....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.

Co-ordinator

Head of Dept.

Principal

Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad.

TO STUDY THE DISPOSAL OF EWASTE AND ITS MANAGEMENT

**YASHWANTRAO CHAVAN COLLEGE OF
SCIENCE, KARAD.****UNDER SHIVAJI UNIVERSITY, KOLHAPUR.****2022-2023**

B.sc. II Computer science (Entire)

2022-2023 Environment Studies

A Project Report**On****"TO STUDY THE DEPLETION OF NATURAL RESOURCES"**

SR NO	NAME OF STUDENTS	ROLL NO	EXAM SEAT NO
1	Patil Adarsh Mohan	9267	9651
2	Patil Kiran Baban	9268	1033
3	Patil Mandar Jayant	9269	1034
4	Patil Sanket Balkrishna	9272	1015
5	Patil Swapnil Ramchandra	9274	957

Under the Guidance**Mrs. P. A. Patil****(B. Sc., M.Sc., B.Ed.)**

Exam Seat No. - 965, 1033, 1034, 1015, 957 Date: 22/05/2023

Roll No.- 9267, 9268, 9269, 9272, 9274

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / M^{ss}. Patil Adarsh Mohan.....

Patil Kiran Baban.....


Patil Mander Jayant.....

Patil Sanket Balakrishna.....

Patil Swapnil Ramchandra.....

of B.Sc. II Computer Science (Entire) have completed the Environmental project satisfactorily on
"..... To Study the Depletion of Natural
..... RESOURCES"....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad.

**YASHWANTRAO CHAVAN COLLEGE OF
SCIENCE VIDYANAGAR, KARAD**



**BSC - COMPUTER SCIENCE (ENTIRE) II
ENVIRONMENTAL STUDIES
UNDER SHIVAJI UNIVERSITY, KOLHAPUR
2022-2023**

A Project Report

On

"TO STUDY ELECTRONIC CREMATORY"

SUBMITTED BY

Sr. No.	Name of the student	Roll No	Exam Roll No.
1.	Mr. Pisal Pruthviraj Sanjay	9278	960
2.	Mr. Pisal Rohit Bhairu	9280	961
3.	Mr. Pawar Pratik Dadaso	9277	997
4.	Mr. Pawar Abhishek Vikas	9275	996
5.	Mr. Pisal Rajawardhan Mohan	9279	952

UNDER GUIDANCE OF

Mrs. P.A. Patil (M.Sc. B. Ed. BJC)



Exam Seat No. - 960, 961, 997, 996, 992

Date: 18/05/2023

Roll No.- 9278, 9280, 9277, 9275, 9279

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore

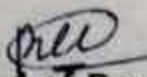


Environmental Studies **CERTIFICATE**

This is to certify that Mr. / Miss. pisal pruthviraj ganjay
pisal Rohit Bhatu
pawar pratik dadaso
pawar abhishek vikas
pisal Rajawardhan mohan

of B.Sc. II Computer Science (Entire) have completed the Environmental project satisfactorily on
".....To study Electronic Crematory....."
....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal

Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad

28 920

**YASHWANTRAO CHAVAN COLLEGE OF
SCIENCE VIDYANAGAR, KARAD**



**BSC-COMPUTER SCIENCE(ENTIRE) II
ENVIRONMENTAL STUDIES
UNDER SHIVAJI UNIVERSITY, KOLHAPUR**

2022-2023

A Project Report

On

"TO STUDY WETLAND CONSERVATION"

SUBMITTED BY

Sr. No.	Name of the student	Roll No.	Exam Roll No.
1.	Mr. Shinde Pratik Sunil	9291	1019
2.	Mr. Shinde Narayan Namdev	9290	1028
3.	Mr. Pisal Sham Ankush	9281	1009
4.	Mr. Sankpal Amol Dattatray	9285	1038
5.	Mr. Pisal Shubham Rajendra	9282	961

UNDER GUIDANCE OF

Mrs. P.A. Patil (M.Sc. B. Ed. BJC)

Exam Seat No. - 1019, 1028, 1009, 1038, 962 Date: 18/05/2023

Roll No.- 9291, 9290, 9281, 9285, 9282

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. Shinde Pratik Sunil

Shinde Narayan Namdev

Pisal Sham Ankush

Sankpal Amol Dattatray

Pisal Shubham Rajendra

of B.Sc. II Computer Science (Entire) have completed the Environmental project satisfactorily on

"To study wetland conservation

....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad.

28 (21)
Be One With The Downtrodden The Under Privileged

Yashwantrao Chavan College Of Science, Karad.



Under Shivaji University, Kolhapur

B.Sc. cs. (Entire)-II

2022-2023

Environmental Studies

A Project on

“ “To Study Effect Of Jaggery Production On Enviroment”

Submitted By

SR NO	NAME OF STUDENTS	ROLL NO	EXAM SEAT NO
1	Singh Akash Shivparakash	9296	993
2	Thakkar Ketan Nitin	9300	958
3	Sutar Swapnil Nitin	9298	1035
4	Shinde Rushikesh Rajendra	9292	1011
5	Shinde Yash Mukund	9294	1014

Under The Guidance Of

Mrs. patil P.A.

(M.SC.B.Ed.BJC)



Exam Seat No. - 993, 958, 1035, 1011, 1014 Date: 18/05/2023

Roll No.- 9296, 9300, 9298, 9292, 9294

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

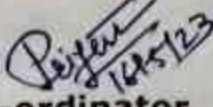
Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss.Singh.... Akash.... Shivprakash.....
.....Thakkar.... Ketan.... Nitin.....
.....Sutar.... Swapnil.... Nitin.....
.....Shinde.... Rushikesh.... Rajendra.....
.....Shinde.... Yash.... Mukund.....

of B.Sc. II Computer Science (Entire) have completed the Environmental project satisfactorily on
".....Ta.... study.... Effect.... of.... Jaggery.... Production
.....on.... Environment"....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal

Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad.



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE VIDYANAGAR, KARAD



BSC - II
ENVIRONMENTAL STUDIES
UNDER SHIVAJI UNIVERSITY, KOLHAPUR
2022-2023

A Project Report On

"To Study Of Medicinal Plant In Village Area & Their Importance"

SUBMITTED BY

Sr. No.	Name of the student	Roll No	Exam Roll No.
1	Miss. Patil Sakshi Sambhaji	2166	26764
2	Miss. Shidruk Kajal Balaso	2167	26765
3	Miss. Chormare Akshata Ashok	2168	26763
4	Miss. Waghmare Shubhangi Ravindra	2169	26749
5	Mr. Sayyad Asharaf Hakim	2170	26762

UNDER GUIDANCE OF
Mrs. P.A. Patil (M.Sc. B. Ed. BJC)



Exam Seat No. - 26764, 26765, 26763, 26749, Date: 13-05-2023
26762
Roll No.- 2166, 2167, 2188, 2169, 2170

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD
Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies **CERTIFICATE**

This is to certify that Mr. / Miss. ...*Patil Sakshi Sambhaji*.....
.....*Shidruk Kajal Balasa*.....
.....*Chormare Akshata Achok*.....
.....*Waghmare Shubhangi Ravindra*.....
.....*Sayyad Ashraf Hakim*.....

of B.Sc. II have completed the Environmental project satisfactorily on
".....*To study of Medicinal plant In village Area &*
.....*Their Importance*....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.

Bejant
13/05/23
Co-ordinator

JTC
Head of Dept.

Principal
Principal



Head
Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Yashwantrao Chavan College
of Science, Karad.

Yashwantrao Chavan College Of Science, Karad



Under Shivaji University, Kolhapur

B.Sc. - II

2022 - 2023

Environment Studies

A Project on

"To study of Impact of modern Agriculture On Environment "

Submitted by :

Sr. No	Student Name	Roll No.	Exam Seat No.
1.	Shritej Rajaram Kajave	2344	269 287

Under The Guidance Of :

Mrs. Patil P.A (M.Sc. B.Ed. BJC)



Exam Seat No. - 269207

Date: 13.05.23

Roll No.- 2344

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore

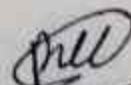



Environmental Studies
CERTIFICATE

This is to certify that Mr. / Miss. Kojave Shritej Rajaram

of B.Sc. II have completed the Environmental project satisfactorily on
"...To study...of...Impact...of...modern...Agriculture...on...
...Environment..." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


13-5-23
Co-ordinator


Head of Dept.


Principal

Head
Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Yashwantrao Chavan College
of Science, Karad.



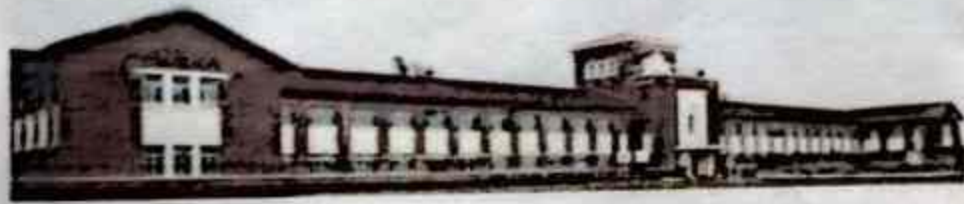
27 Gr 10

TO STUDY THE EFFECT OF MALNUTRITION ON HUMAN HEALTH

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, VIDYANAGAR, KARAD.

UNDER SHIVAJI UNIVERSITY, KOLHAPUR.

B.S.C - C.S II Of the 2022-2023 Environment Studies



A Project Report
On

“ Study of wind mill as renewable source of engery ”

SR.NO	NAME OF STUDENT	ROLL NO	EXAM SEAT NO
1	NAVALE CHAITANYA JALINDAR	2132	26734
2	KAMBIRE LAKHAN SATISH	2071	26708
3	MAHAMUNI SUYOG	2131	26648
4	PANASKAR TEJAS ANIL	2124	26677

Under the Guidance of

Mrs. P. A. Patil (M.Sc., B. Ed., B. Jc.)



Exam Seat No. -

Date: 11-05-2023

Roll No.- 2132/2071, 2124, 2131

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

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore

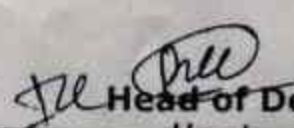


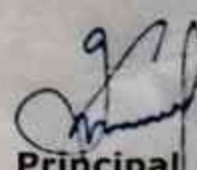
Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. ..Navale....Chaitanya...Jalindar.....
...Kambire....Lakhan...Satish.....
...Mahamuni....Suyag...Suresh.....
...Panaskar....Tejas...Anil.....
.....

of B.Sc. II have completed the Environmental project satisfactorily on
".....Study....of....wind...mill....as....renewable....source....
..of.....energy....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.
Head


Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad.



UNDER SHIVAJI UNIVERSITY, KOLHAPUR

B.Sc.II

2022-2023

Environmental Studies

A Project On

"Study Of Dams And Their Effects On Environment"

Submitted by :

Sr. No.	Name of Student	Roll no.	Exam no
1	Chavan Sneha Ravindra	2093	26856
2	Gholap Sanika Tanaji	2099	26715
3	Hogale Aishwarya Sanjay	2100	26713
4	Nalawade Shruti Laxman	2110	26731
5	Danane Sonali Dattatray	2121	26858

Under Guidance of
Mrs. Patil P.A (M.sc. B.ed. BJC)



Exam Seat No. -

Date: 11-05-2023

Roll No.- 2093, 2100, 2121
2099, 2110,

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

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore




Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. ..Chavan....Sacha....Ravindra.....
..Lholap....Sanika....Tanaji.....
...Hagale....Aishwarya....Sanjay.....
..Nalawade....Sheuti....Laxman.....
..Danane....Sonal....Dattatraya.....

of B.Sc. II have completed the Environmental project satisfactorily on
*...Study...of...Dams...&...Their...Effects.....
....on....Environment.....* as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.
Head

Department of Pollution
Yashwantrao Chavan College of
Science, Karad


Principal
Principal,
Yashwantrao Chavan College



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.



UNDER SHIVAJI UNIVERSITY, KOLHAPUR

B.Sc.II

2022-2023

Environmental Studies

A project on,

"Study Of Water Conservation Techniques"

Submitted by:

Sr. No.	Name of Student	Roll no.	Exam no
1	Salunkhe Prathamesh Manik	2115	26680
2	Thorat Ganesh Mahesh	2117	26682
3	Thorat Sahil Dipak	2119	26684
4	Mageri Chaitanya Tuljaram	2122	26671
5	Rajput Abhaysinh Dipak	2029	26680

Under guidance of,

Mrs. Patil P. (B.Ed. BJC)



Exam Seat No. -

Date: 11-05-2023

Roll No.- 2115, 2117, 2119, 2122, 2029

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. Salunkhe Prathamesh Manik


Thorat Ganesh Mahesh

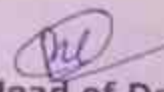
Thorat Sahil Dipak

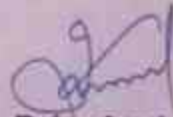
Mageri Chaitanya Tuljaram

Rajput Abhajeinh Dipak

of B.Sc. II have completed the Environmental project satisfactorily on
"Study of water conservation Techniques"
" as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal

Department of Pollution
Yashwantrao Chavan College of
Science, Karad



Yashwantrao Chavan College Of Science, Karad



Under Shivaji university, Kolhapur

B.Sc. – II , 2022 – 2023

Environment Studies

A PROJECT REPORT ON:-

STUDY OF KRISHNA HOSPITAL WASTE MANAGEMENT...

Submitted By:-

Sr.no	Student name	Roll no.	Exam seat no.
1	Chavan Kajal Hambirarao	2222	26787
2	Desai Shivani Uttam	2227	26889
3	Dupate Sonali Ramesh	2230	26792
4	Gurav Aaditi Dattatray	2231	26786
5	Gurav Puja Anandrao	2232	26793

Under The Guidannce Of :-

Mrs.Patil P.A (M.Sc.B.Ed.BJC)



Exam Seat No. -

Date: 13/05/2023

Roll No.- 2222, 2227, 2230, 2231, 2232

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

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B** level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. 1) Chavan..... Kajal..... Hambhirayaa.....
2) Desai..... Shivani..... Uttam.....
3) Dupate..... Sonali..... Ramresh.....
4) Gurav..... Aaditi..... Dattatray.....
5) Gurav..... Puja..... Anandrraa.....

of B.Sc. II have completed the Environmental project satisfactorily on
".....study.....of.....Krishna.....Hospital.....waste.....
.....management....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.
Head


Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad

Shivaji Shikshan Sanstha
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.



UNDER SHIVAJI UNIVERSITY, KOLHAPUR.

B.Sc.- II

2022 - 2023

Environment Studies

A Project Report On

“ Study of impact of acid rain”

Submitted by :

Sr.No	Student Name	Roll.no	Exam seat no
1	MADANE HARSHAD NAMADE	2246	26800
2	NALAYADE SAYALI SHANKAR	2249	26803
3	RANMALE SAYALI BHIMRAO	2255	26809
4	SABALE NEHA BHIMRAO	2256	26891
5	SHINDE PRAGATI MAHADEV	2258	26810

Under the Guidance of :

Mrs. P. A. Patil (M.Sc.B.Ed.BJC.)



Exam Seat No. - ~~2285~~ 26650, 26769, 26772

Date: 13/05/2023

Roll No.- 2285, 2286, 2287, 2288

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss ..Kadam.. Yogesh.. Ananda..
..Mahite.. Yash.. Dhanaji..
..patil.. Vishal.. Sadashiv..
.....
.....

of B.Sc II have completed the Environmental project satisfactorily on
"..Study.. of.. waste.. water.. treatment.. plant.. of..
krishna.. Sugar.. Industry.." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.

Pravin
13-05-23
Co-ordinator

Prave
Head of Dept.

Pravin
Principal

HEAD

Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad



Exam Seat No. - 26800, 26803, 26809, 26891, 26810 Date: 13-5-2023

Roll No.- 2246, 2249, 2255, 2256, 2258

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD
Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore




Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss.Madane...Harshad...Namade.....
.....Nalavade...Sayali...shankar.....
.....Ranmole...Sayali...shimrao.....
.....Sabale...Neha...Bhimrao.....
.....shinde...Pragati...Mahadev.....

of B.Sc. II have completed the Environmental project satisfactorily on
".....study...of...impact...of...acid...Rain....."
....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.
Department of Pollution
Yashwantrao Chavan College of
Science, Karad


Principal
Principal,
Yashwantrao Chavan College
of Science, Karad



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.



UNDER SHIVAJI UNIVERSITY, KOLHAPUR

B.Sc.II

2022-2023

Environmental Studies

A

Project Report

On,

**"Study Of Waste Water Treatment Plant Of
Krishna Sugar Industry "**

Submitted by,

Sr. No.	Name of Student	Roll no.	Exam no
1	Kadam Yogesh Ananda	2285	26650
2	Mane Pratik Balaso <i>Admission Cancelled</i>	2286	
3	Mohite Yash Dhanaji	2287	26769
4	Patil Vishal Sadashiv	2288	26772

*Under guidance of,
Patil P.A (M.Sc B.Ed. B.JC)*



Yashwantrao Chavan College Of Science, Karad

Under Shivaji University, Kolhapur

B.Sc. -II

2022-2023

Environment studies

A project on

“Water Purification in Karad City”

Submitted by :

Sr.No.	Student Name	Roll No.	Exam Seat No.
1.	Bhintade Tanmay Suyog	2311	26845
2.	Nalawade Atul Dharmraj	2320	26918
3.	Patil Shambhuraj Vishwas	2321	26842
4.	Bodhagire Vikram Ravso	2312	26846
5.	Desai Shantanu Kantilal	2314	26838

Under The Guidance Of

Mrs. Patil P.A (M.Sc.B.ed.BJC)



Exam Seat No. - 26845, 26918, 26842, 26846, 26838 Date: 13-05-2023
Roll No.- 2311, 2320, 2321, 2312, 2314

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD
Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. *Bhintade...Tanmay...Suyag.....*
Nalawade...Atul...Dhamraaj.....
Pati! Shambhuroj Vishwas.....
Bodhagire...Vikram...Raysa.....
...Desai...Shantanu...Kantilal.....

of B.Sc. II have completed the Environmental project satisfactorily on
...Water...purification...in Karad...city.....
....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.

[Signature]
Co-ordinator

[Signature]
Head of Dept.
Head

[Signature]
Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad.

Shivaji Shikshan Sanstha's

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.



UNDER SHIVAJI UNIVERSITY, KOLHAPUR

B.Sc.II

2022-2023

Environment Studies

A Project On

"Study Of Sericulture And Its Importance "

Submitted by,

Sr. No.	Name of Student	Roll no.	Exam no
1	Masugade Manasi Krishna	2304	26925
2	Nikam Nehali Nandkumar	2306	26926
3	Pawar Vaishnavi Babasaheb	2307	26849
4	Mujawar Muskan Aij	2305	18116

*Under guidance of,
Patil P.A (M.Sc B.Ed. B.JC)*



Exam Seat No. - 26925, 26926, 26849

Date: 13-05-2023

Roll No.- 2304, 2306, 2307

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. Masugade, Mansi, Krishna.....

..Nikam, Nehali, Nandkumar.....

..Pawar, Vaishnavi, Babasaheb.....

..Mujawar, Muskan Aji.....

of B.Sc. II have completed the Environmental project satisfactorily on
"Study of Sericulture and its Importance....."

..... as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad

Shivaji Shikshan Sanstha's

YASHWANTRAO CHAVAN COLLEGE OF
SCIENCE, KARAD.



UNDER SHIVAJI UNIVERSITY, KOLHAPUR

B.Sc.II

2022-2023

Environmental Studies

A

Project Report

On,

“Study Of Effect Of Air Pollutant From
Mining On Environment”

Submitted by,

Sr. No.	Name of Student	Roll no.	Exam no
1	Mulla Mohasina Mahammad	2319	26917
2	Pawar Prerana Ganesh	2322	26919
3	Pawar Vaishnavi Bapuso	2323	26947
4	Salunkhe Divyarani Ashok	2212	26783

*Under guidance of,
Patil P.A (M.Sc B.Ed. B.JC)*



Exam Seat No. -

Date: 13/05/23

Roll No.- 2319, 2322, 2323, 2212

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

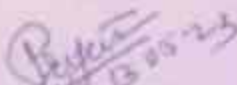
Reaccredited at the B⁺⁺ level by NAAC, Bangalore

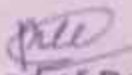


Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss ..Mulla..Mehasina..Mehammad.....
..pawar..prerana..Ganesh.....
..pawar..Vaishnavi..bapusa.....
..Bakunke..Divyarani..Ashok.....
.....

of B.Sc. II have completed the Environmental project satisfactorily on
"....study..of..effect....of..Air..pollution...from..mining
..on...environment....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.
Head


Principal

Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad.



Shivaji Shikshan Sanstha's
**YASHWANTRAO CHAVAN COLLEGE OF
SCIENCE, KARAD.**



UNDER SHIVAJI UNIVERSITY, KOLHAPUR

B.Sc.II

2022-2023

Environmental Studies

A

Project Report

On,

"Study Of Impact Of Pesticides "

Submitted by,

Sr. No.	Name of Student	Roll no.	Exam no
1	Adsule Prathamesh Bhaskar	2332	26852
2	Bhosale Harshwardhan Ajay	2333	26853
3	Mane Rugved Rajendra	2338	26930
4	Thorat Shivam Dattatray	2341	26933

*Under guidance of,
Patil P.A. (B.Sc. B.I. B.J.C)*



Exam Seat No. - 26852, 26853, 26930, 26933

Date: 13/05/2023

Roll No.- 2332, 2333, 2333, 2341

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / M^{ss}.Rdsule...pratham...Bhas...
.....Rhosale...Harshwardhan...Ajay.....
.....Mare...Rugved...Rajendra.....
.....Thorat...Shivam...Dattatray.....
.....

of B.Sc. II have completed the Environmental project satisfactorily on
".....Study..of...Impact..of..pesticides....."
....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.

Pravin
13.5.23
Co-ordinator

Pravin
Head of Dept.
Head

Pravin
Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad.

Yashwantrao Chavan College of Science, Karad



Under Shivaji University, Kolhapur

B.Sc. – II

2022-2023

Environment studies

A project on

“To study impact of stone crushing on environment”

Submitted by :

Sr. No	Student Name	Roll no.	Exam seat no.
1.	Vedashri Sanjay Patil	2339	26931
2.	Rutuja Krushnant Salunkhe	2340	26932
3.	Rutuja Shivaji Varpe	2342	26934
4.	Utkarsha Vasant Tate	2345	26851
5.	Vaishnavi Prakash Yadav	2343	26935

Under The Guidance Of :

Mrs. Patil P.A. (M.Sc. & M.Ed. BJC)



Exam Seat No. - 26931, 26932, 26934, 26851, 26933, Date: 13/5/23

Roll No.- 2339, 2340, 2342, 2345, 2343

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. Vedashni Sanjay Patil

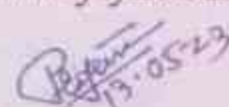
Rutuja Krushnant Salunkhe

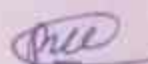
Rutuja Shivaji Varpe

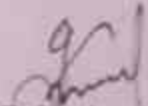
Utkarsha Varant Tate

Vaishnavi Prakash Yadav

of B.Sc. II have completed the Environmental project satisfactorily on
"To study impact of stone crushing on environment"
as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal



Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Yashwantrao Chavan College
of Science, Karad

Yashwantrao Chavan College Of Science, Karad

Under Shivaji University, Kolhapur

B.Sc. - II

2022-2023

Environment studies

A project On

"IMPACT OF CHEMICAL FERTILIZERS ON AGRICULTURE"

Submitted by :



Sr.No.	Student Name	Roll No.	Exam Seat No
1.	Patil Omkar Ankush 26740	2367	2021033116
2.	Pinto Jyoti Darryl 26760	2368	2021031210
3.	Sagare Sushant Deepak 26741	2369	2021033366
4.	Thorat Sakshi Sambhaji 26761	2370	2021033028
5.	Shewale Prathamesh Ramesh 26742	2371	2021033062

Under The Guidance Of

Mrs. Patil P.A (M.Sc. B.ed.BJC)



Exam Seat No. -

Date: 13/05/2023

Roll No.- 2069, 2068, 2055, 2056, 2070

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. / Miss. ...Tharava... Ruchita... Manik.....

....Ghag... Manoj... Sambhaji.....

....Panaskar... Sayali... Surendra.....

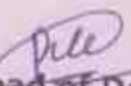
....Patil... Ankita... Ravindra.....

....Datta Purva Arun.....

of B.Sc. II have completed the Environmental project satisfactorily on
"....Study of...Crop...pest...and...their...Impact....."

....." as prescribed by Shivaji University, Kolhapur
as a fulfillment of syllabus during the year 2022-23.


Co-ordinator


Head of Dept.


Principal



Head
Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal,
Yashwantrao Chavan College
of Science, Karad.

Exam Seat No.-26740, 26760, 26741, 26761, ²⁶⁷⁶² Date: 13/05/2022

Roll No.-2367, 2368, 2369, 2370, 2371

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

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFICATE COLLEGE

Reaccredited at the B++ Level by NAAC, Bangalore



Environmental Studies

CERTIFICATE

This is to certify that Mr. / Miss. Patil Omkar Ankush - 2367
Pinto Jyoti Parag - 2368
Sagare Shubant Deepak - 2369
Thorat Sakshi Sambhaji - 2370
Shewale Prathamesh Ramesh - 2371

of B.Sc. II have complete the Environmental project satisfactorily on
Impact of chemical fertilizers on agriculture

" as prescribed by Shivaji University Kolhapur
as a fulfillment of syllabus during the year 2022-23.

Co-ordinator



Head of Dept.

Head

Department of Pollution
Yashwantrao Chavan College of
Science, Karad

Principal
Principal,

Yashwantrao Chavan College
of Science, Karad.

2019-63
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE

VIDYANAGAR, KARAD



B.E.C II

ENVIRONMENTAL STUDIES

UNDER SHIVAJI UNIVERSITY, KOLHAPUR

2022-2023

A PROJECT REPORT

ON

"STUDY OF CROP PEST AND THEIR IMPACT"

SUBMITTED BY

SR NO	NAME OF STUDENT	ROLL NO	EXAM ROLL NO
1.	MS. THORAVE RUCHITA MANIK	2069	26882
2.	MS. GHAG MANASVI SAMBHAJI	2068	26894
3.	MS. PANASKAR SAYALI SURENDRA	2055	26878
4.	MS. PATIL ANKITA RAVINDRA	2056	26726
5.	MS. DATTE PURVA ARUN	2070	26774

UNDER GUIDANCE OF

Mrs. P.A. Patil (M.Sc. B.Ed. BJC)



27

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE VIDYANAGAR, KARAD



BSC - II

ENVIRONMENTAL STUDIES

UNDER SHIVAJI UNIVERSITY, KOLHAPUR

2022-2023

A Project Report

On

"TO STUDY SEWAGE TREATMENT PLANT IN MALKAPUR"

SUBMITTED BY

Sr. No.	Name of the student	Roll No	Exam Roll No.
1	Mr.Sanket Chandrakant Ghadage	2358	26739
2	Mr. Ganesh Vijay Hatte	2359	26754
3	Mr. Dhiraj Jalindar Ingale	2360	26755
4	Mr. Abhijit Sunil Kadam	2361	
5	Mr. Tejas Bajirao Kambale	2362	

UNDER GUIDANCE OF

Mrs. P.A. Patil (M.Sc. Ed. BJC)



Exam Seat No. - 26733, 26734, 26735

Date: 18/05/2023

Roll No. - 2358, 2359, 2360, 2361, 2362

Shri Shivaji Education Society Karad, Board for Higher Education's
YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, Karad - 415 124

AN ISO 9001:2015 CERTIFIED COLLEGE

Reaccredited at the B⁺⁺ level by NAAC, Bangalore



Environmental Studies CERTIFICATE

This is to certify that Mr. /M^{rs}. Sanket.. Chandrakant.. Ghodage.....

Ganesh.. Vijay.. Hatte.....

Mhiraj.. Jalindar.. Ingale.....

Abhijit.. Sunil.. Kodam.....

Tejas.. Bajirao.. Kambale.....

of B.Sc. II have completed the Environmental project satisfactorily on
"Study.. Sewage.. Treatment.. Plant.. In.. Malkapur.....
....." as prescribed by Shivaji University, Kolhapur.
as a fulfillment of syllabus during the year 2022-23.

P. J. Patil
13.05.23
Co-ordinator

P. J. Patil
Head of Dept.
Department of Pollution
Yashwantrao Chavan College of
Science, Karad

[Signature]
Principal
Yashwantrao Chavan College
of Science, Karad

