


Shri Vijaysinha Yadav College, Pethvadgaon
Department of Chemistry
Student Centric Activity: Student Seminars
(Academic year-2022-23)

Every year department of Chemistry organizes Seminar activity for the last year students. Each student delivers one seminar per year.

Objectives

1. Most of the young graduates lack the confidence and fluency while interacting orally. Coming either from rural or sub-urban background, many students hold good academic record and industrial skills but lack behind while expressing themselves. This small yet major drawback often hinders the achievements of students while placements. Speaking about a researched topic in seminars and workshops before a gathered audience boosts the confidence of the students preparing them precisely for interviews and group discussions.
2. Seminars provide a chance to interact with teachers/experts from the specific field. Discussing about the relevant topics of the particular subject, students tend to learn about the latest information and new skills related to the concerned subject.
3. Talking and learning about a new topic will encourage the students to explore new areas relevant to the topic. Students will feel motivated to research and learn new things.
4. Seminar develops stage daring and self confidence in students and mental abilities.


Activity Coordinator

Dr. C. B. Mane


Head

Mrs. R. A. Pawar

Head
Department of Chemistry
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.




Principal
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

SEMINAR ACTIVITY REPORT: 2022-23

Name of Activity : Seminar Activity
Date and Time of Activity Conducted: Throughout Year
Target Group : B.Sc. III (Sem. V & VI)
Name of Organizer : Dept. Of Chemistry, Shri Vijaysinha Yadav College,
Peth Vadgaon

Short Description Of Activity Conducted:

To develop stage daring, enhance self Confidence, create ability and how to express ideas among the students, Department of chemistry, Shri Vijaysinha Yadav College, Peth Vadgaon organized seminar activity of B.Sc. III (Chemistry) students in the academic year 2022-23. All students of B.Sc. III are performing the seminar on one article from the syllabus. This activity is conducted weekly in which five students taking seminar on the one article of the syllabus. The article is chosen by the students.

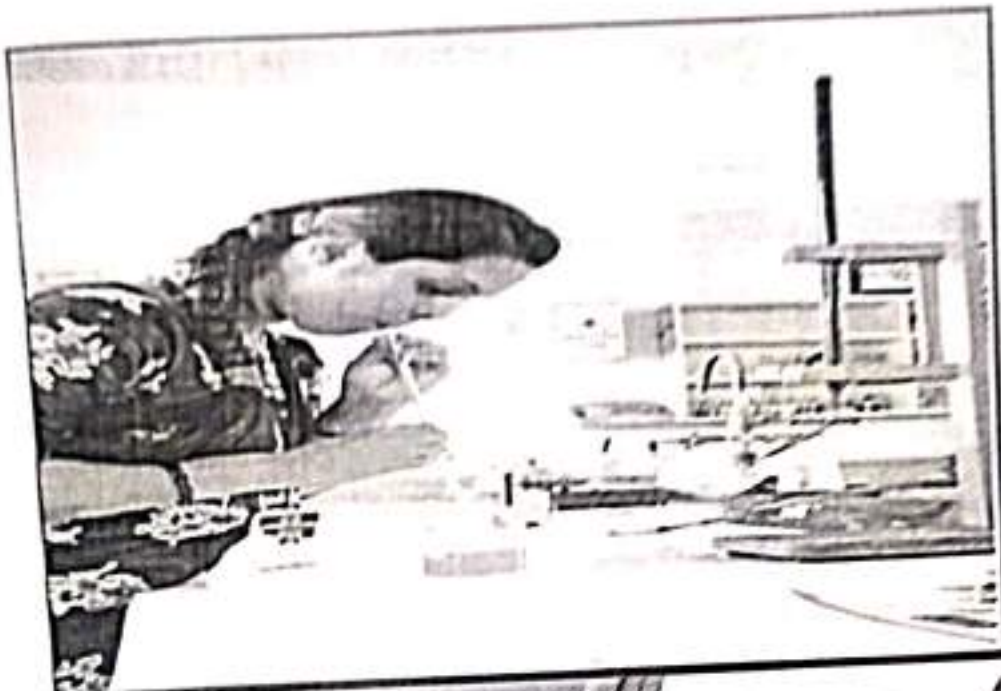
PO's And PS0's covered: To enhance stage daring, subject knowledge and explanation power in the student.

Sr.No	Name of Student	Name of Seminar Topic	Date
1	Neha Jaysing Patil	chromatographic Techniques and Quality Control-Introduction Classification of Chromatography Introduction & Column Chromagraphy	25/09/2022
2	Shubhanj Gajanan Mall	chromatography solvent system Stationary phase	25/09/2022
3	Nisharani Vijaykumar Keli	Methodology of column chromatography	04/10/2022
4	Manasi Sambhaji Bhopale	Applications at column chromatography, Ion Exchange Chromatography introduction	04/10/2022
5	Omkar Arvind Mali	Types properties & ion exchanges Ion Exchange chromatography Methodology Applications	15/10/2022
6	Ganesh Laxshman Khot	Concepts in Quality Control Introduction Quality control and Quality assurance (QA)	18/10/2022
7	Patil Subhangi S.	Chromatographic techniques and	13/10/20 22

		quality control • column chromatography	
8	Muskan Yasin Phjon	Colorimetry & Spectrophotometr	13/10/20 22
9	Akida Ayub Maner	Beers -Lambert's law	07/11/2022
10	Shrutika Shirang Pharane	Terms Used in Celorimetry of Spectrophotometry, Application & Beer's law	07/11/2022
11	Rajnandini Vined Mohita	Application Colorimetry spectrophotometry	15/11/2022
12	Shrutiks Manik Ingale	Theory of Gravimetric analysis Introduction of Some Important terms	15/11/2022
13	Ratuja somaji Wagh	Gravimetric Analysis by Precipitation	15/11/2022
14	Sanika Sambhaji Patil	Process of Precipitation	15/11/2022

Shri VijaysinhaYadav College, Peth Vadgaon
Department of Chemistry
B. Sc. III Students Project list 2022-23

Sr No.	Name of Student	Name of Project	Name Of Guide
1.	Rajnandini Vinod Mohite Pallavi Ashok Patil Shrutika Shrirang Pharane	Manufacture of Bio-plastic from Corn starch	Dr. C. B. Mane
2.	Sanika Pratap Suryavanshi Asavari Dattatrya Patil	Synthesis of Wintergreen oil	Dr. C. B. Mane
3.	Manika Dhanyakumar Patil Sushmita Tanaji Patil Pranali Prakash Mali	Determination of Vit. C concentration by Titration	Dr. C. B. Mane
4.	Neha Jaysing Patil Pranjali Manik Khot Nisharani Vijaykumar Koli	Synthesis of nanoparticles of CuS	Mrs. R. A. Pawar
5.	Rutuja Sonaji Wagh Sanika Sambhaji Patil Shrutika Manik Ingale	Synthesis of Fe ₂ O ₃ from Toner Powder	Dr. C. B. Mane
6.	Pooja BabasoKamlakar Manasi Sambhaji Bhopale Tejswini Manik Patil	Synthesis of CeO ₂ nanoparticles	Dr. C. B. Mane
7.	Rohan Ananda Mane Pranav Balaso Chavan Ravindra Dilip Chougule	Bio CNG from Sugar Cane Press-Mud	Dr. C. B. Mane
8.	Omkar Arvind Mali Sameer Ashpak Patel Ganesh LaxmanKhot	Analysis of Cold drinks	Dr. C. B. Mane
9.	Shubhangi Gajanan Mali Muskan Yasin Pinjari Akida Ayub Maner	Physico-chemical Analysis of Water	Mrs. R. A. Pawar
10.	Shivam Maruti Vadangekar Ajit Sharad Kerlekar Pavan Uttam Mane	Analysis of Commercial Soap	Dr. C. B. Mane
11.	Pratik TanajiKadam Pradip Manik Mohite Gourav Gajanan Gavali	Determination of Caffein in Tea Sample	Mrs. R. A. Pawar
12.	Rahul Shankar Patil	Pharamacetical Introduction & Classification of Drugs	Dr. C. B. Mane
13.	Rohit Dashrath Patil Aditya UttamKhot	Analysis of Sand	Dr. C. B. Mane
	Total	35	



Head
Department of Chemistry
Sri. Maheshwari Yadav College
Nalla Kurugumma, Dist. Kothapalle

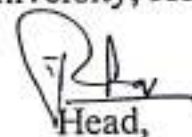
**SHRI VIJAYSINHA YADAV COLLEGE,
PETH VADGAON**

DEPARTMENT OF CHEMISTRY

Activities Year – 2022-23

CERTIFICATE

This is to certify that Department of Chemistry Conducted Project Works in B. Sc. courses on various topics during the academic year 2022-23 at B. Sc. III, Semester V & VI. 35 students completed and submitted successfully their project work to the college pas per the guidelines issued by Shivaji University, Kolhapur.



Head,

Department of Chemistry

Head

Department of Chemistry
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur

Roll No. 1334

Exam Seat No.: _____

Shri. Shahu Shikshan Prasarak Seva Mandal Sanchalit

Shri. Vijaysinha Yadav Arts and Science College,

Peth Vadgaon ■



A

PROJECT REPORT ON

“Synthesis of Nanoparticles of CuS”

As partial fulfilment of the Degree of

BATCHLER OF SCIENCE

IN CHEMISTRY

Submitted by

Miss. Neha Jaysing Patil

Under the Guidance of

Prof. R.A. Pawar

DEPARTMENT OF CHEMISTRY

2022 - 2023


CERTIFICATE

This is certify that Miss. Patil Neha Jaysing has successfully completed project work **Synthesis of Nanoparticles of CuS** at Department of chemistry towards the partial fulfilment for the degree of B.Sc. III Chemistry during 2022-2023.

This report represents the benefit work of the student.

  
12/05/23
Examiner

Prof. R.A.Pawar
Project Guide,
Department of Chemistry.

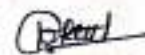

Prof. R.A. Pawar
Head of Department,
Chemistry.
Head
Department of Chemistry
Sri. Yashwantrao Yadav College
Peth Vadgaon, Dist. Kolhapur.

ACKNOWLEDGEMENT

I take this golden opportunity to express my heart ful thanks and deep sense of gratitude to Prof. R.A.Pawar Department of Chemistry. Shri Vijaysinha Yadav College, Peth Vadgaon. Who has been a constant source of encouragement to complete this project work and giving his excellent guidance and suggestion from time to time during course of this work.

I am also thanks to Mrs. R. A. Pawar. HOD, Chemistry of the inspiration, motivation and ever willing help.

Lastly, I would like to thanks all my friends and well wishers for their good will to complete the project work.



Miss. Patil Neha Jaysing.

Place: Peth Vadgaon.

Date: 12/05/23

DECLARATION

I undersigned, hereby declare that projection '**Synthesis of Nanoparticles of CuS**' developed under the guidance of Prof. R.A.Pawar. The conclusion based on the data, which is collected by me. I declare that this is my original work.

I have not copied any material, which is useful to my work, which are submitted to Shri. Vijaysinha Yadav College, Peth Vadgaon in this year.

Yours Faithfully,


Mr. Patil Neha Jaysing.

Place : Peth Vadgaon.

Date:

INDEX

SR. NO.	CONTENT	PAGE NO.
01	Introduction	1-8
02	Material and Method	9-10
03	Antibacterial Activity	11-14
04	X-ray Diffraction Analysis (XRD)	15
05	Result	16
06	Conclusion	17
07	Referemces	18

Shri. Shahu Shikshan Prasarak Seva Mandal, Peth Vadgaon

Shri. Vijaysinha Yadav College

Peth Vadgaon



A

Project Report On

"SYNTHESIS OF Fe_2O_3 FORMATION OF TONER POWDER"

Submitted to

DEPARTMENT OF CHEMISTRY

As a Partial fulfillment of the
Degree of Bachelor of Science in Chemistry

Submitted by

Miss. Shrutika Manik Ingale

Under the Guidance of

Dr. C. B. Mane

Department of Chemistry

Year

2022-2023

Roll No. : 1317

Exam Seat No. : _____

Exam Seat No. : _____

CERTIFICATE

This is to certify that the project report entitled, "Synthesis of Fe₂O₃ Formation of Toner Powder" is being submitted here with as a partial fulfillment of the award of degree of Bachelor of Science in Chemistry under the faculty of science of Shri. Vijaysinha Yadav Arts and science college, Peth Vadgaon is the result of original project work completed by Miss. Shrutika Manik Ingale. Under my supervision and guidance and to the best of my knowledge and belief the work embodied in this project has not formed early the basis for the award of degree of this or any other college.

- Physical
- Inorganic
- Organic

Shrutika Manik Ingale
AAG
13/05/23
82
1415/05

Examiner

Dr. Mane C. B.
Dr. Mane C. B.
Project Guide

Shri. Vijaysinha Yadav Arts and Science College
Peth Vadgaon

Prof. Mrs. Pawar R. A.
Prof. Mrs. Pawar R. A.
Head of Department
Head

Department of Chemistry
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur

DECLARATION

Respected Sir,

I hereby declare that the project work on "Synthesis of Fe_2O_3 Formation of Toner Powder" submitted by me as a partial fulfillment for the degree, Bachelor of Science in Chemistry Shri. Vijaysinha Yadav Arts and Science College, Peth Vadgaon has not previously formed the basis for the award of any degree of this or any other college.

Place : Peth Vadgaon.

Date : 10/5/2023

Smangale

Miss. Shrutika Manik Ingale

ACKNOWLEDGEMENT

I am grateful to honorable Dr. Vijaya Chavan the Principal of Shri. Vijaysinha Yadav Arts and Science College, Peth Vadgaon for having provided facilities and encouragement. I also grateful to Dr. Mane C. B. Associate Professor in Chemistry, Department of Chemistry for having encouraged, motivated and provided guidance for writing this project work, I am grateful to Prof. Pawar R. A. Head of Department of Chemistry and other faculty member for their constant support and blessing.

It gives me great pleasure to express my deep sense of gratitude of thanks to my friends who have helped me directly in completing this project work.

Place:- Peth Vadgaon

Date :- 10/5/2023

Shrutika

Miss. Shrutika Manik Ingale

B.Sc III, Chemistry

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Chapter No.	Chapter	Page No.
1	Introduction	1-4
2	Experimental Section	5
3	X-ray analysis	6-9
4	Result and Discussion	10
5	Conclusion	11
6	References	12

Report of Guest lecturer

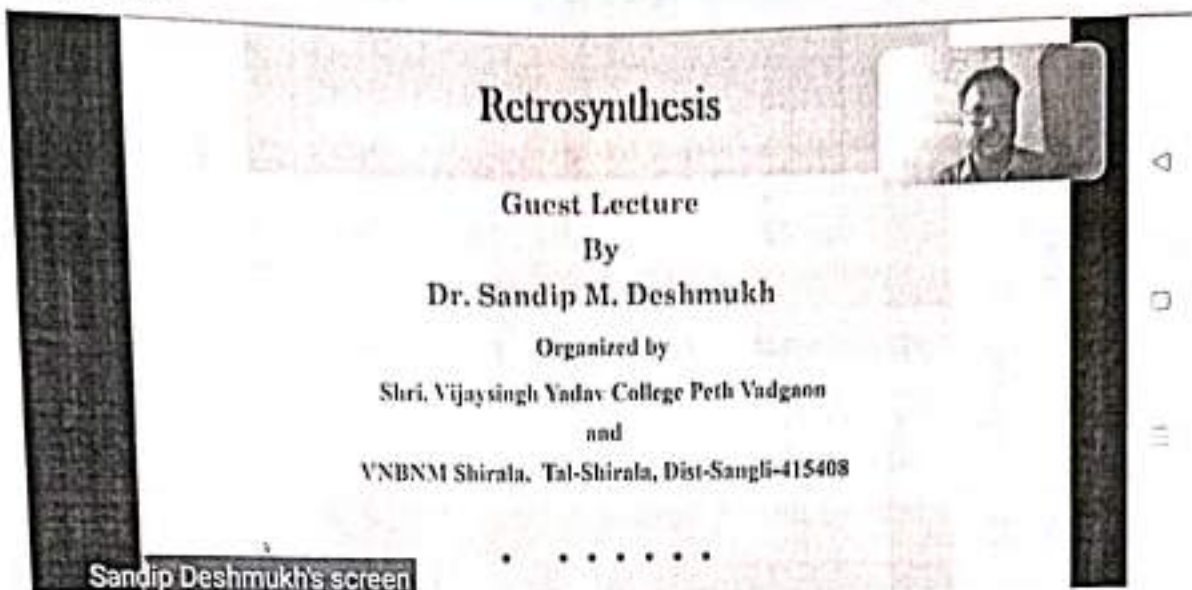
Name of Activity	: Guest lecturer on "Reterosynthesis and Industrial Heavy Chemicals of B.Sc. III Chemistry
Name of Activity	: Guest lecturer
Date and time of activity conducted	: Tuesday, 23/05/2023 at 11.00 am to 1.00 pm.
Target Group	: B. Sc.-III
Number of students took the advantage:	32
Name of Organizer	: Department of Chemistry
Name of the chief Guest	: Mr. Sandip M. Deshmukh Head, Department of Chemistry, Dr. Tejaswini Prashant Yadav, Department of Chemistry, Vishwasrao Naik Mahavidyalaya, Shirala.

Short description of activity conducted:

Department of Chemistry, Shri Vijaysinha Yadav College, Peth Vadgaon organized online invited talk on "Reterosynthesis of B.Sc. III Chemistry Paper XIV Organic Chemistry" and "Industrial Heavy Chemicals of B.Sc. III Chemistry Paper XVI Industrial Chemistry" under faculty exchange programme on Tuesday, 23/05/2023 at 11.00 am to 12.00 pm and at 12.00 pm to 1.00 pm.

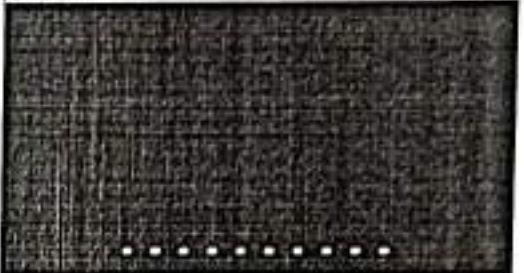
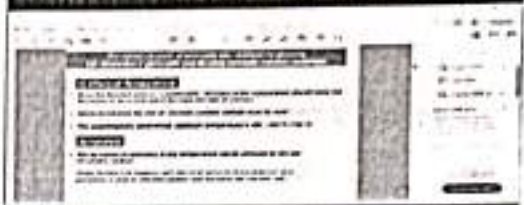
In this programme Dr. C.B. Mane welcomes all the dignities and introduced the resource person. Resource person Dr. Sandip M. Deshmukh delivered lecturer on Mass Spectroscopy of B.Sc. III Chemistry Paper X Organic Chemistry trough using Zoom. He had used white board to make simple and show the Peaks in Mass Spectroscopy at 11.00 am to 12.00 pm. After Session I Resource person Dr. Tejaswini Prashant Yadav delivered lecturer on "Industrial Heavy Chemicals of B.Sc. III Chemistry Paper XVI Industrial Chemistry" at 12.00 pm to 1.00 pm. Detail of zoom meet link as shown in below picture. Ms. Neha Patil expressed vote of thanks.

Snapshots:





Zoom Meeting
 1. Zoom Meeting - The meeting is being hosted in Zoom as per the instructions of the project.
 2. Zoom Meeting - The meeting is being hosted in Zoom as per the instructions of the project.
 3. Zoom Meeting - The meeting is being hosted in Zoom as per the instructions of the project.
 4. Zoom Meeting - The meeting is being hosted in Zoom as per the instructions of the project.
 5. Zoom Meeting - The meeting is being hosted in Zoom as per the instructions of the project.



11:11 | Participants (26)

Search

C	Chandrakant Mane	🔊	📹
	Sandip Deshmukh	🔊	📹
	Manasi Bhopale	🔊	📹
AK	Aditya Khot	🔊	📹
AM	anuradha Mane	🔊	📹
GG	Gavali Gaurav	🔊	📹
KA	Kerlekar Ajit	🔊	📹
NP	NEHA PATIL	🔊	📹
NK	Nisha koli	🔊	📹
DA	OPPO A15	🔊	📹
PM	Pradip mohite	🔊	📹

Invite

11:11 | Participants (26)

R	Ruchika Ghode	🔊	📹
RS	Rutuja Sonaji Wagh	🔊	📹
SP	Sameer patel	🔊	📹
SP	Sanika Patil	🔊	📹
BV	Shivam V	🔊	📹
SN	Shobha Naikawadi	🔊	📹
S	Shrutika	🔊	📹
SM	Shubhangi mali	🔊	📹
SP	Susmita Patil	🔊	📹
VY	vivo Y21e	🔊	📹
K	Khot Ganesh	🔊	📹
PK	Pooja kamalakar	🔊	📹

Invite

Pradip Mohite
 Activity Coordinator



Pradip Mohite
Principal
 Shri. Vijaysinha Yadav College
 Peth Vadgaon, Dist. Kolhapur.

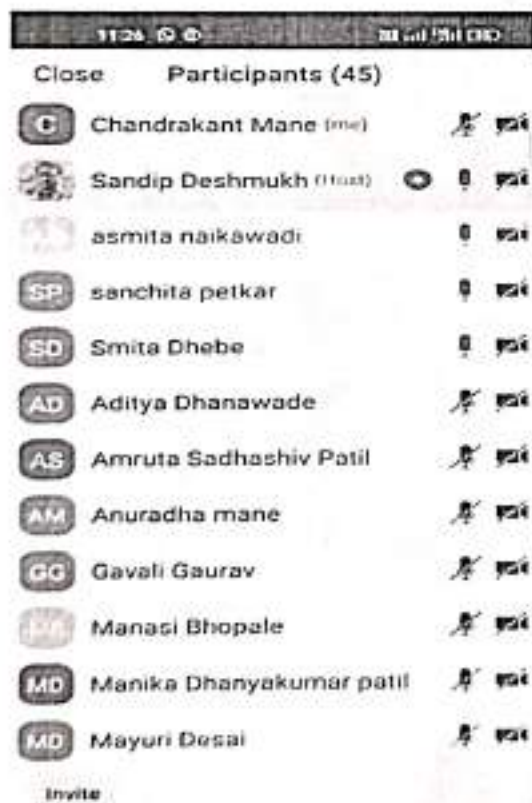
Pradip Mohite
Head
 Department of Chemistry
 Shri. Vijaysinha Yadav College
 Peth Vadgaon, Dist. Kolhapur

Report of Guest lecturer on "Mass Spectroscopy of B.Sc. III Chemistry Paper X Organic Chemistry"

Name of Activity	: Guest lecturer on "Mass Spectroscopy of B.Sc. III Chemistry Paper X Organic Chemistry"
Name of Activity	: Guest lecturer
Date and time of activity conducted	: Thursday, 29/12/2022 at 11.00 to 12.30pm.
Target Group	: B. Sc.-III
Number of students took the advantage:	45
Name of Organizer	: Department of Chemistry
Name of the chief Guest	: Mr. Sandip M. Deshmukh Head, Department of Chemistry, Vishwasrao Naik Mahavidyalaya, Shirala.

Short description of activity conducted:

Department of Chemistry, Shri Vijaysinha Yadav College, Peth Vadgaon organized online invited talk on "Mass Spectroscopy of B.Sc. III Chemistry Paper X Organic Chemistry" under faculty exchange programme on Thursday, 29/12/2022 at 11.00 am to 12.30 pm.. In this programme Dr. C.B. Mane welcomes all the dignities and introduced the resource person. Resource person Dr. Sandip M. Deshmukh have delivered lecturer on Mass Spectroscopy of B.Sc. III Chemistry Paper X Organic Chemistry trough using Zoom. He had used white board to make simple and show the Peaks in Mass Spectroscopy. Detail of zoom meet link as shown in below picture. Ms. Neha Patil expressed vote of thanks.





C.B. Mane
 Co-ordinator of Activity:
 Dr. C. B. Mane

R.D.
 Head
 Department of Chemistry
 Head
 Department of Chemistry
 Shri. Vijaysinha Yadav College
 Poth Vadgaon, Dist. Kolhapur.



A. M.
 Principal
 Shri. Vijaysinha Yadav College
 Poth Vadgaon, Dist. Kolhapur.

Shri Vijaysinha Yadav College, Pethvadgaon

Department of Chemistry

Student Centric Activity:

Study Tour

2022-23

Every year department of Chemistry organizes study tour for B. Sc. III students. The purpose of this tour is to provide students an experience outside the class rooms or labs. If the class room teaching is followed up by a field trip, it helps in clearing the concepts & results in more effective learning. It also helps in application of ideas, theories & knowledge which ensure competence. Discussing during the trip help the students to find solutions to real life problems and makes them innovative.

In this academic year department of chemistry visited to Mapro Food Ltd., Mahabaleswar, Chiplun and Ganpati Pule etc.

Objectives

- To observe keenly all the food processing experiments.
- To discuss and understand theory behind the experiments.
- To understand basic concepts in chemistry.
- To write brief report of all the experiments.


Mrs. R. A. Pawar

To,

Date: 29 /04 /2023

The Principal,

Shri Vijaysinha Yadav College,

Peth Vadgaon

Subject: Permission to conduct study tour of B. Sc. III Chemistry...

Respected Madam/Sir,

Department of Chemistry wish to conduct two days study tour for B. Sc. III to Mahabaleshwar (Mapro Food Park), Pratapgad, Ganpatipule on 2 and 3 May 2023. It will be an educational trip and will help us to gain a better understanding of the things we study theoretically. It will also give the students and the teachers a chance for recreation. The list of students and teachers is attached herewith.

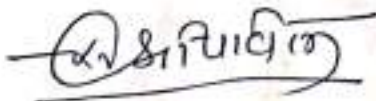
We further agree that we will remain sole responsible for wellbeing of all students and teachers participating in this study tour. I will be very grateful to you.

Yours sincerely,



Name: Mrs. R. A. Pawar
Head,

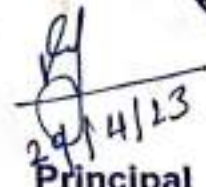
Dept. of Chemistry
Department of Chemistry
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur



(Excursion Committee)



Name: Mrs. R. A. Pawar
Coordinator
Study Tour B. Sc. III



Principal
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

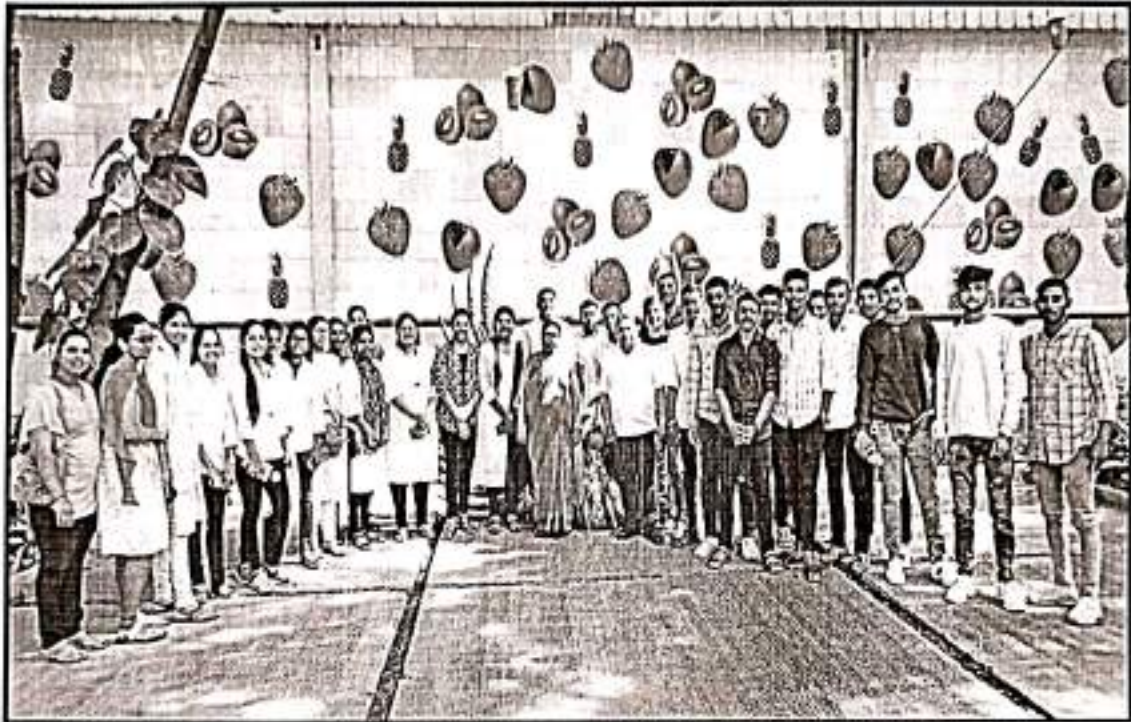
Department of Chemistry
Study Tour
List of Students (B. Sc. III)

Sr. No.	Name of Students	Signature
1	Mr. Ajit Sharad Kerlekar	<i>Ajit</i>
2	Mr. Shivam Maruti Vadangekar	<i>Shivam</i>
3	Mr. Ravindra Dilip Chougule	<i>R.D.C.</i>
4	Mr. Pratik Tanaji Kadam	
5	Mr. Pradip Manik Mohite	<i>Pradip</i>
6	Ms. Pranjali Manik Khot	<i>Pranjali</i>
7	Ms. Manasi Sambhaji Bhopale	<i>Bhopale</i>
8	Ms. Neha Jaysing Patil	<i>Neha</i>
9	Mr. Sameer Ashpak Patel	<i>Sameer</i>
10	Mr. Omkar Arvind Mali	<i>Omkar</i>
11	Mr. Gaurav Gajanan Gavali	<i>Gavali</i>
12	Ms. Sanika Pratap Suryavanshi	<i>Sanika</i>
13	Ms. Shrutika Shrirang Pharane	<i>Shrutika</i>
14	Ms. Sushmita Tanaji Patil	<i>Sushmita</i>
15	Ms. Tejswini Manik Patil	<i>Tejswini</i>
16	Ms. Pooja Babaso Kamlakar	<i>Pooja</i>
17	Ms. Asavari Dattatrya Patil	<i>Asavari</i>
18	Ms. Rajnandini Vinod Mohite	<i>Rajnandini</i>
19	Mr. Rohan Ananda Mane	<i>Rohan</i>
20	Mr. Pranav Balaso Chavan	<i>Pranav</i>
21	Ms. Shubhangi Gajanan Mali	<i>Shubhangi</i>
22	Ms. Manika Dhanyakumar Patil	<i>Manika</i>
23	Ms. Pranali Prakash Mali	<i>Pranali</i>
24	Mr. Rohit Dashrath Patil	<i>Rohit</i>
25	Mr. Ganesh Laxman Khot	<i>Ganesh</i>
26	Ms. Muskan Yasin Pinjari	<i>Muskan</i>
27	Mr. Rahul Shankar Patil	<i>Rahul</i>
28	Mr. Aditya Suresh Dhanwade	<i>Aditya</i>
29	Mr. Pavan Uttam Mane	<i>Pavan</i>
30	Mr. Aditya Uttam Khot	<i>Aditya</i>

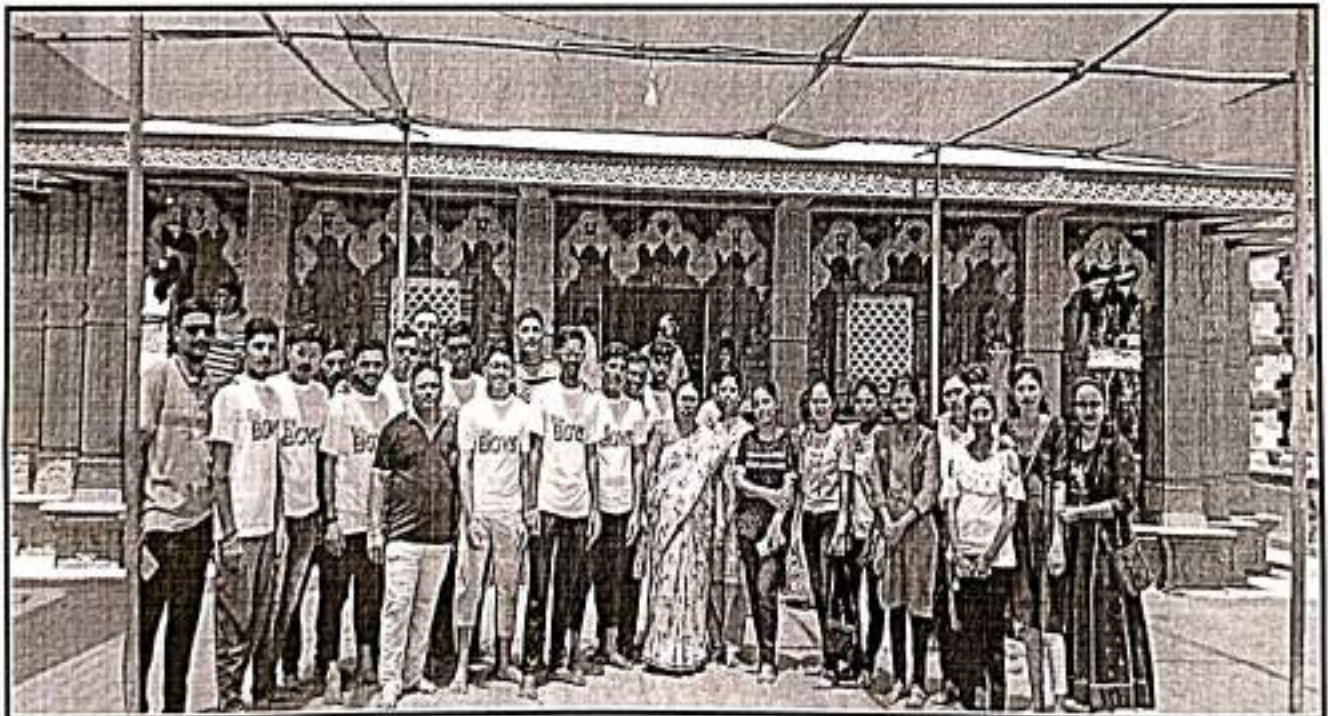
List of Faculty

Sr. No.	Name of Faculty	Signature
1	Prof. Mrs. Renuka Anil Pawar	<i>Renuka</i>
2	Prof. Dr. Chandrakant Balu Mane	<i>Chandrakant</i>

Study Tour 22-23 (Mahabaleswar-Mapro Food Ltd., Ganpati Pule)



Mahabaleswar- Mapro Food Ltd.



Ganpati Pule



Mahabaleswar



Pratapgad

Shri Vijaysinha Yadav College, Pethvadgaon

Department of Chemistry

Student Centric Activity: Study Tour

2022-23

Outcomes

Department of Chemistry organized a study tour to Mapro Food Ltd., Mahabaleswar, Chiplun and Ganpati Pule etc.

In this study tour Students are able to access tools and environments that are not available at college. This study tour help students to interact with what they are learning and interact with various instrument used in industry. The experience goes beyond reading about a concept; students are able to see it, manipulate it or participate in it physically. Students are able to see elements with their eyes rather than reading about it and believing what they are told in books or by educators.

- Students observed all the experiments and instruments present in industries
- They discuss the idea behind all the experiments with each other and with teacher.
- This way they try to understand basic concepts of science.
- They note down all the information about every experiments and wrote the brief report on it.



Mrs. R. A. Pawar

Shri Vijaysinha Yadav College, Pethvadgaon

Department of Chemistry

{Academic year-2022-23}

Student Centric Activity: Problem Solving Method

In the world of education there are many different ways to teach and to consolidate what has been learned. In Chemistry some of the topics have numerical problems which are difficult to solve for number of students. These problems are solved by problem solving method. With the help of this method

- Make students More Enthusiastic to solve the problems.
- Build Confidence
- Prepare students for Examination
- Help students to Concentrate
- Give easy way of problem solution
- Make easy calculations
- Perfections of formula



Mrs. R. A. Pawar

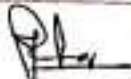
Shri Vijaysinha Yadav Arts and Science College, Peth Vadgaon

Dept. of Chemistry

Problem Solving Methods - 2022-23

Date - 25/09/2022

Sr. No.	Name of the Student	Class	Type of Problem	Signature of the Student
1)	Meunali P. Mane	B.Sc-II	Problems on concentration units of solution	M Mane
2)	Shraddha R. Mane	B.Sc II		Shraddha R. Mane
3)	Pranali T. Vakse	B.Sc II		Pranali T. Vakse
4)	Tanushka K. Kamble	B.Sc II		Tanushka K. Kamble
5)	Pratiksha S. Pawar	B.Sc II		Pratiksha S. Pawar
6)	Divya M. Mane	B.Sc II		Divya M. Mane
7)	Amruta S. Bhandari	B.Sc II		Amruta S. Bhandari
8)	Reshma B. Shinde	B.Sc II		Reshma B. Shinde
9)	Apeksha A. Patil	B.Sc II		Apeksha A. Patil
10)	Vaishnavi S. Patil	B.Sc II		Vaishnavi S. Patil
11)	Prajakta S. Chandure	B.Sc II		Prajakta S. Chandure
12)	Sainjali B. Patil	B.Sc II		Sainjali B. Patil
13)	Samya S. Muniywar	B.Sc II		Samya S. Muniywar
14)	Vinaya R. Patil	B.Sc II		Vinaya R. Patil
15)	Aakanksha S. Shinde	B.Sc II		Aakanksha S. Shinde


 Mrs. R. A. Pawar
 Faculty

Shri Vijaysinha Yadav College, Pethvadgaon

Department of Chemistry

Student Centric Activity: Problem Solving Method

(Academic year-2022-23)

Outcomes

Department of Chemistry used Problem Solving Method to solve the numerical problems and some of the outcomes of this method are as follows

- It is found that problem solving method makes easy numerical problem solution for the students.
- Students make perfect the formula.
- Students perform calculation method easy and fast.
- Students adopt easily the calculation method.
- Students get relax for problem solution.
- Students liking to solve the problem.


Mrs. R. A. Pawar

Periodic Table Competition 2022-23

Name of Activity: Periodic Table Competition

Date and time of activity conducted: 24/01/2023, at 11.00am

Target Group: B.Sc. I

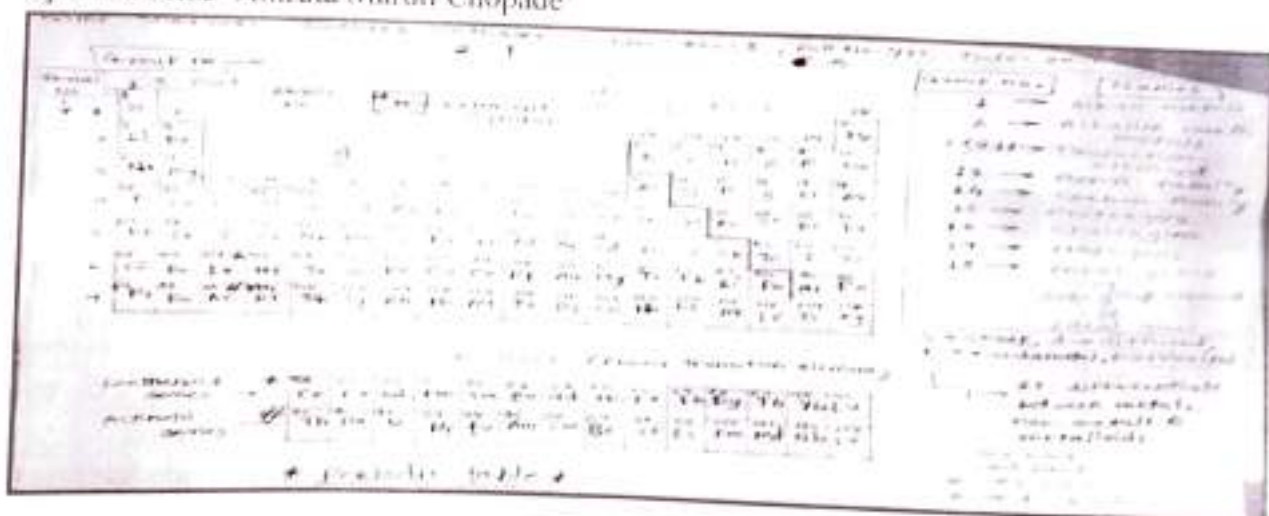
Number of students took the advantage: 29

Name of Organizer: Department of Chemistry

Description of activity conducted: The department of chemistry organized "Periodic Table Competition" The program was started with preface addressed by Head, department of Chemistry Mrs. R. A. Pawar madam. Rules and regulations of Periodic Table Competition were declared by Prof. Dr. C. B. Mane sir. In competition 29 students were participated. The competition was conducted in Room No. 44. The main purpose behind such competition is to enhance the knowledge as well as interest in chemistry regarding periodicity. In this competition students were draw the periodic table, labeled group and period number as well as written elements with atomic number. First three numbers were felicitated by offering prize and certificate.

Rankers

- 1] First Prize- Ms. Sharvari Sudhir Vathare
- 2] Second Prize- Ms. Namrata Shamrao Kothari
- 3] Third Prize- Amruta Maruti Chopade



Co-ordinator: Mrs. R. A. Pawar


Head
Head

Department of Chemistry
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur


Principal
Principal

Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

* Notice *
Department of chemistry

Date- 20/01/2023

All B.Sc. ~~III~~I students are informed that "Periodic Table Competition" will be on 24th Jan. 2023. In this competition students will i) Draw periodic table & name Group number, period no. ii) Give block names iii) Write down elements alongwith atomic numbers.

Competition will be for 100 marks = i) - ~~25~~ 25M + ii) - 25M + iii) - 50M.

All students must attend the competition at 11:00am.
First three ranks will get prize and certificate.



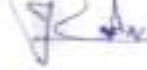
Head
Department of Chemistry
Sri. C. Manoj Kumar Yadav College
Kathapada, Dist. Katharia


Department Of Chemistry.

Periodic Table Competition 2022-23

Date - 24/01/2023

- Result - 1) Sharvari Sudheer Vathare - प्रथम क्रमांक
2) Namrata Shamrao Kothari - द्वितीय क्रमांक
3) Amruta Maruti Chopade - तृतीय क्रमांक

Experts - Mrs. R.A. Pawar 

- Ms. P. P. Khot 

Total students

Participated - 23

SHRI VIJAYSINHA YADAV ARTS AND SCIENCE COLLEGE

PETH VADGAON

DEPARTMENT OF COMPUTER SCIENCE

YEAR 2022-2023

Student Centric Methods

- Department perform all practical in particular syllabus as per university. Student gain maximum knowledge about the subject and perform practical.
- The student centric teaching is promoted by ensuring classroom environment to be learner-friendly.
- To enhance practical utility students are encouraged and guided to undertake projects to gain experience.
- Emphasis is given on proper academic preparation and syllabus completion.
- Classrooms are equipped with LCD projection systems, screens and green boards. Lecture notes are distributed and discussed after the completion of each unit.
- Department gives seminar topics and seminars were taken by teachers. This process improves the knowledge about the topic. It helps in explanation and awareness about delivering concept.
- The subject faculty supervises students understanding and knowledge of the subject in the remedial class. Faculty divides the weaker students in groups and distributes the prepared study material among the students and tries to understand their problem areas and helps them with simple approaches of understanding of the subject. Special

attention is paid to slow learners. Assignments are given to the students for practice.

- Any doubts raised by learners are clarified by re-explaining the topic at a level where student can grasp the topic more easily.
- Critical thinking of learners is developed by asking them questions related to topic during the lecture.
- Faculty performance is closely monitored through student feedback. Faculty is encouraged to develop new experiments beyond syllabus.
- Guest lectures by eminent experts from industry and academia are organized.
- Library facilities help students in self-learning process.
- Lectures, group discussions, seminars, field visits, lab facilities, induction programs, short-term project are used by department to enhance skills.


Head
Department of Computer Science
Shri. Vijaysinha Yadav College
Peth V:dgaoon, Dist. Kolhapur.

Shri. Vijaysinha Yadav College, Peth Vadgaon, Dist. Kolhapur

Department of English

Academic Year 2022-23

Student Seminar

Class: B.A. III

Paper No.: VII

Paper: Introduction to Literary Criticism

Name of Teacher: Dr. S.P. Patil

S.N.	Roll No.	Name of Student	Title of Seminar Paper
1	529	Kamble Aaditya Dattatray	Definitions of Criticism
2	526	Kamble Sakshi Suraj	Nature of Criticism
3	525	Kamble Shivani Uday	Symbolism
4	527	Kamble Sonal Shahajirao	Preface to Shakespeare
5	528	Kamble Vaishnavi Vishnu	Function of Criticism
6	625	Kashid Priyanka Sandip	Aristotle's Concept of the Tragic Hero
7	530	Mahajan Yash Vaibhav	Realism
8	531	Miraje Ritika Ramesh	What is Criticism?
9	626	Nerlekar Sourabh Pralhad	Humour
10	533	Patil Bhagyashri Dadaso	Paradox
11	532	Patil Vaishnavi Tanaji	Shakespearean Tragic Hero
12	534	Sapkal Vaishali Yashwant	The concept of Tragedy



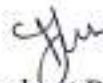
Dr. S.P. Patil

Head
Department of English
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

Shri. Shahu Shikshan Prasarak Seva Mandal's
Shri. Vijaysinha Yadav College, Peth Vadgaon
Subject: **Understanding Poetry Class- B. A. III**
Name of Teacher: **Dr. Yadav P. P.**
Academic Year- 2022-23

SEMINAR

Sr. No.	Roll No.	Name	Seminar
1	525	Kamble Shivani Uday	Elizabethan Poetry
2	526	Kamble Sakshi Suraj	Victorian Age
3	527	Kamble Sonal Shahajirao	Elizabethan Poetry
4	528	Kamble Vaishnavi Vishnu	Victorian Age
5	529	Kamble Aadity Dattatray	Elizabethan Poetry
6	530	Mahajan Yash Vaibhav	Victorian Age
7	531	Miraje Ritika Ramesh	Elizabethan Poetry
8	532	Patil Vaishnavi Tanaji	Victorian Age
9	533	Patil Bhagyashri Dadaso	Victorian Age
10	534	Sapkal Vaishali Yashwant	Elizabethan Poetry
11	625	Kashid Priyanka Sandip	Elizabethan Poetry
12	626	Nerlekar Sourabh Pralhad	Victorian Age


Dr. Prashant P. Yadav


Head
Department of English
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

Shri. Vijaysinha Yadav College, Peth Vadgaon, Dist. Kolhapur

Department of English

Academic Year 2022-23

Student Seminar

Class: B.A. III

Paper No.: IX

Paper: English Drama

Name of Teacher: Dr. S.P.Patil

S.N.	Roll No.	Name of Student	Title of Seminar Paper
1	529	Kamble Aaditya Dattatray	Tragedy as a Form
2	526	Kamble Sakshi Suraj	Oscar Wilde
3	525	Kamble Shivani Uday	Elements of Drama
4	527	Kamble Sonal Shahajirao	Definitions of Drama
5	528	Kamble Vaishnavi Vishnu	Types of Drama
6	625	Kashid Priyanka Sandip	Character sketch of Hamlet
7	530	Mahajan Yash Vaibhav	William Shakespeare
8	531	Miraje Ritika Ramesh	Shakespearean Drama
9	626	Nerlekar Sourabh Pralhad	The Tragic Hero
10	533	Patil Bhagyashri Dadaso	Farce
11	532	Patil Vaishnavi Tanaji	Character of Jack Worthing
12	534	Sapkal Vaishali Yashwant	Character of Hamlet



Dr. S.P. Patil

Head

Department of English
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

Shri. Vijaysinha Yadav College, Peth Vadgaon, Dist. Kolhapur

Department of English

Academic Year 2022-23

Student Seminar


Class: B.A. III

Paper No.: X

Paper: English Novel

Name of Teacher: Dr. S.P.Patil

S.N.	Roll No.	Name of Student	Title of Seminar Paper
1	529	Kamble Aaaditya Dattatray	Types of Novels
2	526	Kamble Sakshi Suraj	Ernest Hemingway and Graham Greene
3	525	Kamble Shivani Uday	Old Man as Fisherman
4	527	Kamble Sonal Shahajirao	Origin of Novel
5	528	Kamble Vaishnavi Vishnu	Development of Novel
6	625	Kashid Priyanka Sandip	Character sketch of Santiago
7	530	Mahajan Yash Vaibhav	Use of Imagery in 'The Old Man and the Sea'
8	531	Miraje Ritika Ramesh	The Power and The Glory as religious novel
9	626	Nerlekar Sourabh Pralhad	Aspects of Novel
10	533	Patil Bhagyashri Dadaso	Elements of Novel
11	532	Patil Vaishnavi Tanaji	Santiago's Voyage on the sea
12	534	Sapkal Vaishali Yashwant	Manolin and Santiago



Dr. S.P. Patil

Head

Department of English
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur

Shri. Vijaysinha Yadav College, Peth Vadgaon

Department of English- 2022-23

Seminar Presentation

Paper- Langugae and Linguistics, XI Class: B.A.-III

S.N.	Roll No.	Name of Student	Seminar Topic
1	525	Kamble Shivani Uday	Word Formation Process
2	526	Kamble Sakshi Suraj	Transcription of the words
3	527	Kamble Sonal Sarjerao	Close Word Classes
4	528	Kamble Vaishnavi Vishnu	Stress of the words
5	529	Kamble Aditya Dattatray	Definitions & features of Language
6	530	Mahajan Yash Vaibhav	Open Word Classes
7	531	Miraje Ritika Ramesh	Place of articulation
8	532	Patil Vaishnavi Tanaji	Voiced or Voiceless Sounds
9	533	Patil Bhagyashri Dadaso	Pure Vowels
10	534	Sakpal Vaishali Yashwant	Consonant Sounds in English
11	625	Kashid Priyanka Sandip	Morphological Analysis
12	626	Nerlekar Sorabh Pralhad	Human and animal communication

Dr. A. L. Powar

Associate Professor

(Dr. Suresh P. Patil)

Head
Department of English
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Solapur

English

Designation

- Head & Assistant Professor
- Coordinator, TOAC
- Assistant Professor
- Programme Officer, NS
- Assistant Professor
- Coordinator, COC, (a/c)
- Secretary, International Development Cell



 **GPS Map Camera**

Kolhapur, Maharashtra, India

P65M+5HC, New Shahupuri, Kolhapur, Maharashtra 416003, India

Lat 16.707975°

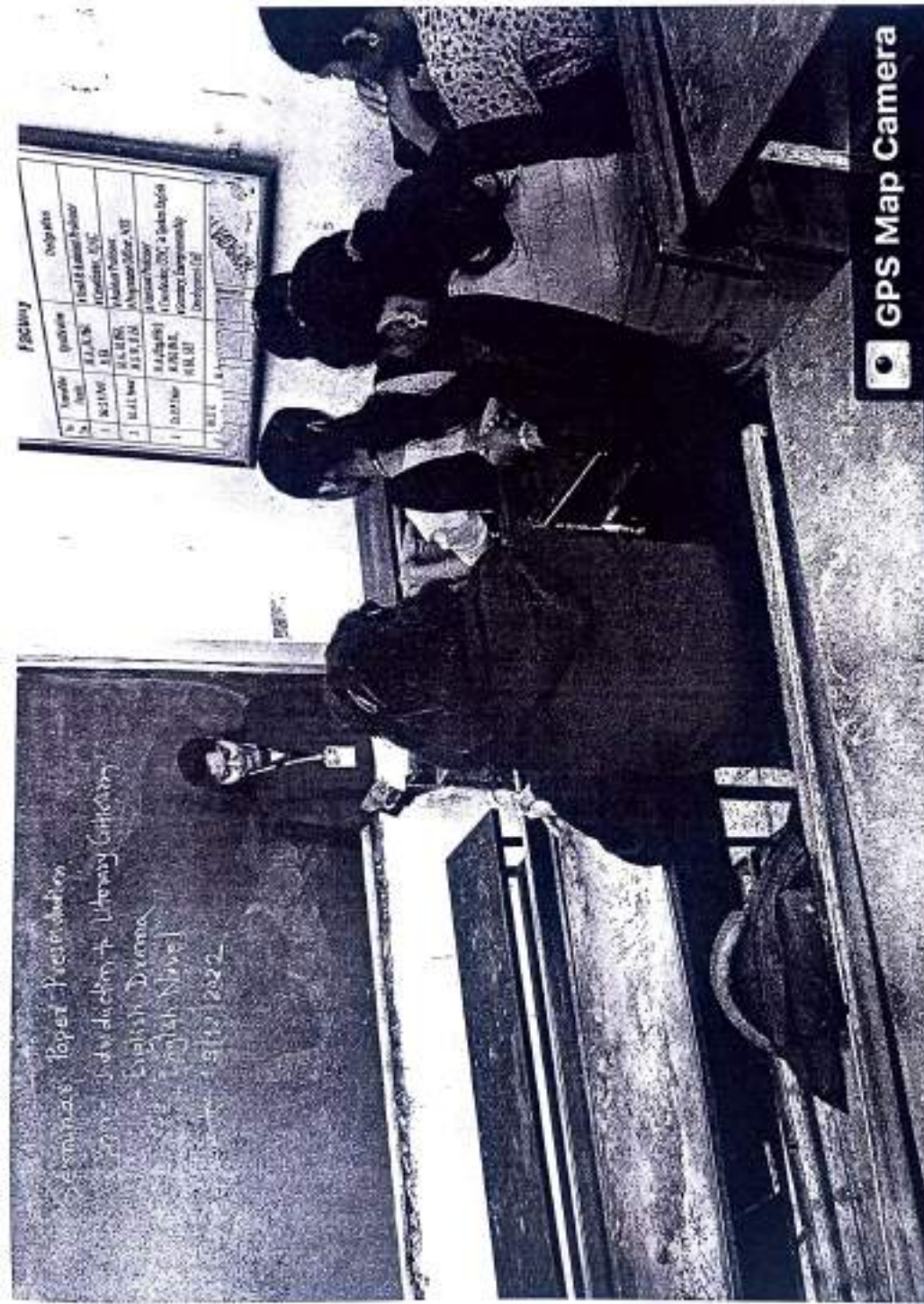
Long 74.233523°

15/12/22 11:14 AM GMT +05:30



2000 UNIVERSITY OF WYOMING
 2000 UNIVERSITY OF WYOMING
 DEPARTMENT OF ENGLISH & SCIENCE COLLEGE
Department of English
Faculty

No.	Name	Qualifications	Designation
1	Dr. R. A. H. H. H.	Ph.D. in English Literature Columbia University, NYC	Visiting Assistant Professor
2	Dr. R. A. H. H.	Ph.D. in English Literature Columbia University, NYC	Assistant Professor
3	Dr. R. A. H. H.	Ph.D. in English Literature Columbia University, NYC	Assistant Professor
4	Dr. R. A. H. H.	Ph.D. in English Literature Columbia University, NYC	Assistant Professor
5	Dr. R. A. H. H.	Ph.D. in English Literature Columbia University, NYC	Assistant Professor
6	Dr. R. A. H. H.	Ph.D. in English Literature Columbia University, NYC	Assistant Professor
7	Dr. R. A. H. H.	Ph.D. in English Literature Columbia University, NYC	Assistant Professor
8	Dr. R. A. H. H.	Ph.D. in English Literature Columbia University, NYC	Assistant Professor
9	Dr. R. A. H. H.	Ph.D. in English Literature Columbia University, NYC	Assistant Professor
10	Dr. R. A. H. H.	Ph.D. in English Literature Columbia University, NYC	Assistant Professor



Kolhapur, Maharashtra, India
P65M+5HC, New Shahupuri, Kolhapur, Maharashtra 416003, India

Lat 16.707975°

Long 74.233523°

15/12/22 11:12 AM GMT +05:30

 **GPS Map Camera**


Head
 Department of English
 Vajrasisinha Yadav College
 Vadgaon, Dist. Kolhapur.

Shri Vijaysinha Yadav College, Peth Vadgaon

Department of English

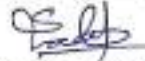
Academic Year 2022-23

Group Project

Paper: Introduction to Literary Criticism

Class: B.A.III

S.N.	Roll No.	Name of Student	Project Title
1	525	Kamble Shivani Uday	Romantic Critic [Any Five]
2	526	Kamble Sakshi Suraj	Romanticism
3	527	Kamble Sonal Shahajirao	Romanticism
4	528	Kamble Vaishnavi Vishnu	Victorian Critic [Any Five]
5	529	Kamble Aaditya Dattatray	Victorian Critic [Any Five]
6	530	Mahajan Yash Vaibhav	Romantic Critic [Any Five]
7	531	Miraje Ritika Ramesh	Victorian Critic [Any Five]
8	532	Patil Vaishnavi Tanaji	Romantic Critic [Any Five]
9	533	Patil Bhagyashri Dadaso	Romanticism
10	534	Sapkal Vaishali Yashwant	Victorian Critic [Any Five]
11	625	Kashid Priyanka Sandip	Romantic Critic [Any Five]
12	626	Nerlekar Sourabh Pralhad	Romanticism



Dr. S.P. Patil

Head

Department of English
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

Shri. Shahu Shikshan Prasarak Seva Mandal's
Shri. Vijaysinha Yadav College, Peth Vadgaon
Subject: **Understanding Poetry** Class- **B. A. III**
Name of Teacher: **Dr. Yadav P. P.**
Academic Year- 2022-23

Group Project

Sr. No.	Roll No.	Name	Project
1	525	Kamble Shivani Uday	Critical Analysis of Inspirational Poems
2	526	Kamble Sakshi Suraj	Critical Analysis of Inspirational Poems
3	527	Kamble Sonal Shahajirao	Critical Analysis of Inspirational Poems
4	528	Kamble Vaishnavi Vishnu	Critical Analysis of Inspirational Poems
5	529	Kamble Aadity Dattatray	Critical Analysis of Inspirational Poems
6	530	Mahajan Yash Vaibhav	Critical Analysis of Inspirational Poems
7	531	Miraje Ritika Ramesh	Critical Analysis of Inspirational Poems
8	532	Patil Vaishnavi Tanaji	Critical Analysis of Inspirational Poems
9	533	Patil Bhagyashri Dadaso	Critical Analysis of Inspirational Poems
10	534	Sapkal Vaishali Yashwant	Critical Analysis of Inspirational Poems
11	625	Kashid Priyanka Sandip	Critical Analysis of Inspirational Poems
12	626	Nerlekar Sourabh Pralhad	Critical Analysis of Inspirational Poems

Head
Department of English
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

Dr. Prashant P. Yadav

Shri Vijaysinha Yadav College, Peth Vadgaon

Department of English

Academic Year 2022-23

Group Project

Paper: English Drama

Class: B.A.III

S.N.	Roll No.	Name of Student	Project Title
1	525	Kamble Shivani Uday	Manjula Padmanabhan as a Dramatist
2	526	Kamble Sakshi Suraj	Indian English Drama
3	527	Kamble Sonal Shahajirao	Indian English Drama
4	528	Kamble Vaishnavi Vishnu	Girish Karnad as a Dramatist
5	529	Kamble Aaditya Dattatray	Girish Karnad as a Dramatist
6	530	Mahajan Yash Vaibhav	Manjula Padmanabhan as a Dramatist
7	531	Miraje Ritika Ramesh	Girish Karnad as a Dramatist
8	532	Patil Vaishnavi Tanaji	Manjula Padmanabhan as a Dramatist
9	533	Patil Bhagyashri Dadaso	Indian English Drama
10	534	Sapkal Vaishali Yashwant	Girish Karnad as a Dramatist
11	625	Kashid Priyanka Sandip	Manjula Padmanabhan as a Dramatist
12	626	Nerlekar Sourabh Pralhad	Indian English Drama



Dr. S.P. Patil
Head

Department of English
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

Shri Vijaysinha Yadav College, Peth Vadgaon

Department of English

Academic Year 2022-23

Group Project

Paper: English Novel

Class: B.A.III

S.N.	Roll No.	Name of Student	Project Title
1	525	Kamble Shivani Uday	George Orwell as a Novelist
2	526	Kamble Sakshi Suraj	Indian English Novel
3	527	Kamble Sonal Shahajirao	Indian English Novel
4	528	Kamble Vaishnavi Vishnu	R.K. Narayan as a Novelist
5	529	Kamble Aaditya Dattatray	R.K. Narayan as a Novelist
6	530	Mahajan Yash Vaibhav	George Orwell as a Novelist
7	531	Miraje Ritika Ramesh	R.K. Narayan as a Novelist
8	532	Patil Vaishnavi Tanaji	George Orwell as a Novelist
9	533	Patil Bhagyashri Dadaso	Indian English Novel
10	534	Sapkal Vaishali Yashwant	R.K. Narayan as a Novelist
11	625	Kashid Priyanka Sandip	George Orwell as a Novelist
12	626	Nerlekar Sourabh Pralhad	Indian English Novel



Dr. S.P. Patil

Head

**Department of English
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.**

Shri Vijaysinha Yadav college, Peth Vadgaon

Department of English


The Structure and Function of Modern English

Semester VI paper No. XVI (2022-2023) Group Project

Sr. no.	Roll. No.	Name of the students	Group Project Topic
01	524	Kamble Shivani Uday	Phonetic Transcription of the Words
02	525	Kamble Sakshi Suraj	
03	526	Kamble Sonal Sarjerao	
04	527	Kamble Vaishnavi Vishnu	
05	528	Kamble Aditya Dattatrya	
06	529	Mahajan Yash Vaibhav	Morphological Analysis of words
07	530	Mirje Ritika Ramesh	
08	531	Patil Vaishnavi Tanaji	
09	532	Patil Bhagyashree Dadaso	
10	533	Sakpal Vaishali Yashwant	
11	534	Kashid Priyanka Sandip	
12	535	Nerlekar Sourabh Pralhad	Definitions and features of the Language


Dr. A. L. Powar

Associate Professor


(Dr. S. P. Patil)

Head

Department of English
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Solapur, Maharashtra

Shri Shahu Shikshan Prasarak Seva Mandal'
SHRI VIJAYSINH YADAV COLLEGE, PETH VADGAON



B.A. III

Department of English

Title of Paper - English Novel

Paper No - XII

Name of Group Project - Indian English Novel

Sr. No.	Name of students	Roll no.	Signature	Remark
1	Sakshi Suraj Kamble	526		
2	Sonal Shahajirao Kamble	527		
3	Bhagyashri Dadaso Patil	533		
4	Sourabh Pralhad Nerlekar	626		

Guidance – Dr. S.P. PATIL

Year
2022-2023

Head
Department of English
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

CERTIFICATE

This is to certify that the following students from B.A.III, Department of English have successfully completed the group project entitled "Indian English Novel" and submitted to the department in the academic year 2022-2023.

Place: Peth Vadgaon

Date:

Sr. No.	Name of students	Roll no.	Signature	Remark
1	Sakshi Suraj Kamble	526		09
2	Sonal Shahajirao Kamble	527		08
3	Bhagyashri Dadaso Patil	533		09
4	Sourabh Pralhad Nerlekar	626		08



INTRODUCTION

When we think of the early Indian English novel, we think of the trinity - Mulk Raj Anand (b. 1905), R.K. Narayan (b. 1906), and Raja Rao (b. 1908). All three began writing in the nineteen thirties and all three have seen the turn of the century. Their influence or their importance in the world of the Indian English novel cannot be measured. With Anand's *Untouchable*, Narayan's *Swami and Friends*, and Rao's *Manthapura*, the Indian English novel found its place in the gamut of Indian literatures. But the Indian English novel did not have its beginnings in the thirties of the twentieth century. How could that have been when the modern novel came to India in English. with the English? English education was introduced in India in early nineteenth century. It is reasonable to expect that essays and articles and sketches would have begun to flow from Indian pens soon after, especially with the establishment of English journals and newspapers. With the English presence in India from even earlier, it should be expected that some Indians wrote in English even earlier than that. All this should lead almost naturally to fiction in English - short as well as long. The second Indian English novel of note is also by a Bengali. Lal Behari Day published *Govinda Samanta*, or, *The History of a Bengal Rajput* in 1874. The novel is set in Burdwan district in mid-nineteenth century. The author's intention in his own prefatory words is to furnish "a plain and unvarnished tale of a plain peasant living in the plain country of Bengal." This novel is a family saga, which relates the life and times of Govinda Samanta, from his birth till death. We see the trials and vicissitudes of his extended family. The novel is said to have won a prize offered in 1871 for the best novel in Bengali or English illustrating the 'Social and Domestic Life of the Rural Population Working Classes of Bengal.' That it therefore achieves what it introduces into the Indian English novel is a high level of realism. Lal Behari Day was aware of the challenges of portraying Indian reality in the English language. How would you have Bengali peasants speak in English? Day, like W.K. Narayan later, makes his peasants speak in 'good' English. He realises that his characters speak 'better' English than English peasants but as he says if he had made them speak in some kind of rural English dialect. "I should have turned them into English and not Bengali He writes elsewhere of cultural differences and like all Indian English writers deliberately cross pollinates the English language with Indian cultural markers. The challenge of the medium was best articulated more than sixty years later by Raja Rao in his famous foreword to *Manthapura*. You would have noticed that most of the writers named so far are from eastern India. This is after all a short introduction and can name only a few select writers.

THE INDIAN ENGLISH NOVEL



As a matter of fact, the famous Bengali novelist, Bankim Chandra Chattopadhyaya (1838-94), wrote his first novel in English This was Rajmohan's Wife, which was serialised as Wife in the Calcutta weekly= The Indian Field, in 1864. This was published in book form only in the 1930— and republished in 1990s. Bankim was much influenced by the English novelists that he had read, Sir Walter Scott and Charles Dickens in particular, Rajmohan's Wife, like his Bengali novels, deals with social issues of the day. In a sense; the main agenda of the Indian English noble: was set in this first attempt itself. Kajmohan's Wife is about the effects of a bad amaze on the woman. The sufferings of a riddle class housewife, Marangoni at the hands of he: husband, Rajmohan, in rural East Bengal forms the subject of the navel. This was the time of social recon and it shouldn't surprise us that the first Indian English novel isn't a historical

romance as has been suggested some times but a social novel. Pannikin; may not have Witten another novel in English but his Bengali novels were to defence the course of the novel! in India. A History of the Indian Englobe Novel 1.5 OTHER EAWLB7 NOVELS II_ The second Indian English novel of note is also by a Bengali. Lal Behi Bay published Govinda Samanta, or, the History of a Bengal Raivat irk 1874. The novel is set in Euroway district in mid-nineteenth century. The author's intention in his own prefatory words is to filmish "a plain and unvarnished tale of a plain peasant living in the plain country of Bengal." This novel is a family saga, which relates the life md times of Govinda Samanta, from his birth till death. We see the teals and vicissitudes of his extended family. The novel is said to have won a prize offered in 187 1 for the best novel in Bengali or English illustrating the 'Social and Domestic Life of the Rural Population

REFERENCE

- 1] [www.Indian English literature.Com](http://www.IndianEnglishliterature.Com)
- 2] www.Indianetzone.com
- 3] www.wikipedia.com
- 4] www.egyankosh.com

Shri Vijaysinha Yadav College, Peth Vadgaon

Department of History

2022-2023

Name of Activity	-	Wallpaper Inauguration
Date and time of Activity conducted	-	15 August, 2022 8:30 A.M
Number of Students took the Advantage	-	80
Name of Organizer	-	Department of History
Name of the Resource Person	-	Shri. K.D.Koli.
		(Vice Principal B,Y. Jr. College, Peth Vadgaon)

Wallpaper Inauguration

Department of history inaugurated wallpaper on 14th August, 2022 Celebrating 'Partition horrors Remembrance day, on the occasion of Indian Independence Day, Azadi ka Amrit mahostav. The Wallpaper was inaugurated by the auspicious hands of prof. K.D.Koli, Vice Principal, Shri Balvantrao Yadav Jr. College, Peth Vadgaon Dr. V.R. Chavan, Pricipal, Dr. S.V. Mane, Head, Dept. of History, Dr. N.P.Surwase, Prof. Ramesh Suryawanshi, Faculty and students were present on this occasion.



S.V. Mane

Dr. S.V.Mane

Head of Department, History



K.D. Koli

Principal

Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

Shri Vijaysinha Yadav College Peth Vadgaon

Department of History

2022-2023

World Heritage Week 2022

Name of Activity	-	World Heritage Week 2022 (Visit to Historical Places)
Date and time of Activity conducted	-	24 November, 2022
Number of Students took the Advantage	-	12
Name of Organizer	-	Department of History

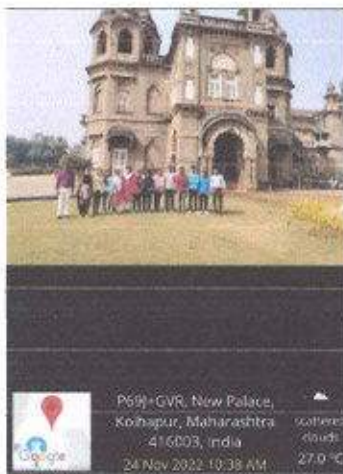
Visit to museum and historic Places :


Department of history organized student's visit to various historic places of Kolhapur on 24 th November, 2022 on world Heritage week, to introduce them about historic heritage places.

Firstly, students visited new palace Museum of Kolhapur. After that they visited, Kolhapur Museum, Town hall. Students were informed about their historical significance.


Students also visited the fort of panhala during their visit, they were introduced to, sajjakoti, Teen Darwaja, Ambarkhana e.t.c.

Dr. S.V. Mane, Head, Department of History and Dr. N. P. Surwase assisted the students. 12 students form second and third year participated in this study tour.




Dr. S.V. Mane

Head of Department, History


Principal
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

Shri Vijaysinha Yadav College, Peth Vadgaon

Department of Microbiology

Student Centric Activity: Student Seminars

(Academic -2022-23)

Every Year Department of Microbiology organizing seminar activity for the last year students. Each students deliver one seminar per year.

Objectives

1. Most of the young graduates lack the the confidence and fluency while interacting orally. Coming either from rural or sub urban background many students hold good academic record and industrial skill but lack behind while expressing themselves. This small yet major drawback often hinder the achievement of student while placements. Speeking about a researched topic in a seminar and workshop before a gathered audience boost the confidence of the student preparing them preciously for interviews and group discussions.
2. Seminar provides a chance to interact with teacher /expert from specific field. Discussing about the relevant topics of the particular subject.
3. Talking and Learning about a new topic will encouraging the students to explore new areas relevant to the topic. Students will feel motivated to research and learn new things.
4. Seminar develops stage daring and self confidence in students and mental abilities.

P. S. Patil

Head

Department of Microbiology
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur

Seminar Activity Report: 2022-23

Name of Activity	: Seminar Activity
Date and Time of activity Conducted	: V & VI
Target Group	: B.Sc.III
Number of students took the advantage	: 20 students
Name of Organizing	: Shri Vijaysinha Yadav collage Peth Vadgaon

Short Description Of Activity Conducted:

To develop stage daring enhance self confidence create ability and how to express ideas among the students, Department of Microbiology, Shri Vijaysinha Yadav College Peth Vadgaon organized seminar activity of B.Sc part III.(Microbiology) student in the academic year 2022-23 .All students of B.Sc.III are perform the seminar on one article from the syllabus .This activity is conducted weekly in which two –three student taking seminar on the one article of the syllabus. The articles is chosen by a students

PO's And PSO's covered: To enhance stage daring, subject knowledge and explanation power in the student.



Blair

Head
Department of Microbiology
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist Kolhapur

Shri Vijaysinha Yadav College, Peth Vadgaon

B.Sc. III 2022-23 Seminar Topic

Sr. No.	Roll No.	Name of Students	Topic of Seminar
1	1391	Babar Vaishanvi A.	General principles and method of food preservation
2	1392	Bhosale Snehal R.	Food spoilage
3	1393	Chavan Shrushti K.	vermicompost
4	1394	Chavan Prarthna M.	Organ of immune system
5	1395	Chougule Yash A.	cytokines
6	1396	Chougule Snehal B.	Plant pathology
7	1397	Chougule Rutuja A.	Reproduction of Bacteriophage
8	1398	Desai Chandrika B.	Phosphorus cycle
9	1399	Dharwat Dakshata A.	Antibody Immunology
10	1400	Kadam sushant S.	Complement system
11	1401	Kambale Priyanka D.	Antigens
12	1402	Khadake Aishwarya A.	Fermentation media and it's process
13	1403	Lokhande Arpita M.	Sources of Microorganism
14	1404	Magar Pratik S.	Basic Immunology
15	1405	Momin Mubina S.	Cell of Immune system
16	1406	Mujawar Sadiya S.	--
17	1407	Patel Ronak K.	--
18	1408	Patel Harsha N.	Oncogenesis
19	1409	Patil Tejaswini V.	Citrus canker
20	1410	Shirke Ankita R.	Types of MO's in soil

Bhatt

Head
Department of Microbiology
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur

Shri Shahu Shikshan Prasarak Mandal's
Shri Vijaysinha Yadav College, Peth Vadgaon

Department of Microbiology
Intercollegiate Competition "Helix-2023"

Name of Activity: Intercollegiate Competition "Helix-2023"

Date and Time of Activity Conducted: 05/04/2023

Target Group: B.Sc. II year Student

Name of Organizer: Department of Biotechnology & P.G. Dept. of Microbiology.

Short Description of Activity Conducted:

Intercollegiate Competition "Helix-2023" was organized by Department of Biotechnology & P.G. Dept. of Microbiology of Smt. Kasturbai Walchand College of Arts and Science, Sangli on 5th April, 2023. Under Helix-2023, B.Sc. II year students participated in poster and rangoli competition. Total 03 students were participated in the following competition category and some of them secured prizes.

Name of students /Teacher	Category	Prize
Miss Kshitija N. Ghugare	Rangoli competition	Third prize
Miss Vaishnavi V. Chavan Miss Kalyani D. Yadav	Rangoli competition & Poster Presentation	--
Miss Kiran S. Patil - Faculty	--	--



Rangoli Competition



Poster Presentation

Prerit
Head
Department of Microbiology
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur



Miss Kshitija Ghugare felicitated with Third Prize for Rangoli Competition

Shaske
Head
Department of Microbiology
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur

SHRI VIJAYSINHA YADAV COLLEGE, PETH VADGAON, DIST.

KOLHAPUR

Department of Political Science

Student Centric Activity Report (2022-23)

The department had implemented various activities to enhance skills among the students and along with generate competence, extra reading, awareness of local Issues and identification of local to global issues etc. are the major objectives of our implementation of Student Centric activity in each academic year. Keeping in mind department had been conducted following Student Centric Activities:

1 Wall Paper

2. Seminar

3. Project

Wall Paper



Atishah

Head
Department of Political Science
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur

Seminar Presentation



Atisham

Head
Department of Political Science
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur



Shri Vijaysingh Yadav College Peth Vadgaon

Commerce Department

Farewell Function

Name of Activity – Farewell Function

Date And time of activity conducted – 08/07/2022 9 to 12.

Target Group – Commerce Students.

Number of Participants – 70

Name of organizer – Department of commerce

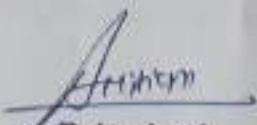
Resource Person – Dr. Ashok Chavan. Head department of Sociology

Detailed Reprt –

The Department of commerce organized the farewell function for the B.com I students dated 8th July 2023 a sociology department of Shri Vijaysinha yadav college Peth Vadgaon was the chief guest for this function a his introduction was given by dr Ashok Jadhav Sir. Mr. Sunil Mane Head of a commerce department shared his opinions for He pointed out the importance of in life. Chief guest, deleved his speech life and planning is also usedjul in our life. Then Dr. S.P. Patil, President of the event expressed his views about the institutional support regarding students.

Function was concluded with vote of thanks by A.R. Deshmukh Madam .


Head
Department of Commerce
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur


Principal
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.



Shri VijaysinhaYadavaCollege ,PethVadgaon

Department of Commerce

Poster Presentation

Name of Activity :-Post presentation

Date & Time of activity conducted:-09-03-2023 (9.30am to 11.30)

Target Group:-B.com. II & B.com. III students .

Subject of poster presentation :-Successful women in India

Number of participants :-

Name of organizer – Department of Commerce

Detailed Report –

The department of commerce organized poster presentation for the commerce students dated 9th March ,2023. The function was inaugurated by entrepreneur .Mr.ChinmayAbhrange Sir.

Total 15 students were participated in this presentation. She delivered a speech on the successful women in India. Dr.

VijayaChavan ,Principal of the collegewas President of the function .Commerce co-ordinator Dr. A. V.

Jadhav,Dr.R.Hkarande , Mr. Sunil Mane ,Miss. AishwaryaPatil , Miss. AshwiniDeshmukh were present for the fuction .


Head
Department of Commerce
Shri. Vijaysinha Yadav Collage
Peth Vadgaon, Dist. Kolhapur.


Principal
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.



Shri Shahu Shikshan Prasarak Seva Mandal's
SHRI VIJAYSINHA YADAV COLLEGE, PETH VADGAON
TAL: HATKANANGALE DIST: KOLHAPUR 416 112

REPORT

Name of Activity: Guest Lecture on Python

Date and Time of Activity: 27/04/2022 , 11.00 am to 3.00 pm

Target Group: Students of Science stream

Name of Organizer: Department of Mathematics and Computer Science

Name of Resource Persons: Mr. Mehul Arun Jadhav, New College, Kolhapur

A language Python is in syllabus of B.Sc.III students. To understand and use a guest lecture was organized by department of Mathematics and Computer science. Mr.Mehul Jadhav well explained about this language and practically shown how to execute this in Mathematics and Computer Science practicals. About 100 students of CS and Maths attended this lecture. It was really useful for the students.

Miss S. M. Mohite

Head

Department of Computer Science
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.



Mr. D.B. Patil

Head

Department of Mathematics
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.





Department of Mathematics

Shri Vijaysinha Yadav College, Pethvadgaon

Student Centric Activity: **Study Tour**

2022-23

Outcomes

Department of Mathematics organized a study tour at National Science Centre, Goa. In this study tour Students are able to access tools and environments that are not available at college. This study tour helps students to interact with what they are learning. The experience goes beyond reading about a concept; students are able to see it, manipulate it or participate in it physically. Students are able to see elements with their eyes rather than reading about it and believing what they are told in books or by educators.

- Students observed all the experiments present in national science centre carefully.
- They discuss the idea behind all the experiments with each other and with teacher.
- This way they try to understand basic concepts of science.
- They note down all the information about every experiments and wrote the brief report on it.



Mr.D.B.Patil

(Head, Dept.of Mathematics)

Department of Mathematics

Shri Vijaysinha Yadav College, Pethvadgaon

Student Centric Activity: Study Tour

2022-23

Every year department of Mathematics organizes study tour for B. Sc. III students. The purpose of this tour is to provide students an experience outside the class rooms or labs. If the class room teaching is followed up by a field trip, it helps in clearing the concepts & results in more effective learning. It also helps in application of ideas, theories & knowledge which ensure competence. Discussing during the trip help the students to find solutions to real life problems and makes them innovative.

In this academic year department of Mathematics visited National Science Centre, Goa

Objectives

- To observe keenly all the experiments present in national science centre.
- To discuss and understand theory behind the experiments.
- To understand basic concepts in Mathematics.
- To write brief report of all the experiments.



Mr.D.B.Patil

(Head, Dept.of Mathematics)

28/02/2023

To,
The Principal,
Shri Vijaysinha Yadav College,
Pethvadgaon


Subject: Permission to conduct study tour of B. Sc. III


Respected Madam,

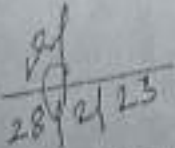
Department of Mathematics and Computer Science wish to conduct a two days study tour of B. Sc. III students to Goa Science Centre and nearby places on 10th and 11th March 2023. It will be an educational trip and will help us to gain a better understanding of the things we study theoretically. We further agree that we will remain sole responsible for wellbeing of all students and teachers participating in this study tour. List of students is attached herewith.

We kindly request you for the permission for the said tour.

Yours sincerely,


Miss Supriya Mohite
Head, Dept. of Computer Science


Mr. Dattatraya Patil
Head, Dept. of Mathematics


28/2/23
Principal
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

Granted permission
provided abiding
the rules.

20/02/2023

To,
The Principal,
Shri Vijaysinha Yadav College,
Pethvadgaon


Subject: Permission to conduct study tour of B. Sc. III


Respected Madam,

Department of Mathematics and Computer Science wish to conduct a two days study tour of B. Sc. III students to Goa Science Centre and nearby places on 10th and 11th March 2023. It will be an educational trip and will help us to gain a better understanding of the things we study theoretically. We further agree that we will remain sole responsible for wellbeing of all students and teachers participating in this study tour. List of students is attached herewith.

We kindly request you for the permission for the said tour.

Yours sincerely,


Miss Supriya Mohite
Head, Dept. of Computer Science


Mr. Dattatraya Patil
Head, Dept. of Mathematics

SHRI VIJAYSINHA YADAV COLLEGE, PETHVADGAON
EDUCATIONAL TOUR: GOA: B.Sc. III
Department of Computer Science and Mathematics
Friday 10/03/2023 and Saturday 11/03/2023

Students List

Sr.No.	Name	Mobile No	Age	Sign
1	Salunkhe Rahul Sachin	9404941255	21	(B)
2	Ranabhise Shree Rakesh	8767310550	21	<i>[Signature]</i>
3	Mahadik Pratik Prasad	9545005903	21	Prasad M
4	Naikwadi Vedant Sunil	9325561681	21	V.S.N.
5	Patil Priti Ranjit	8010032431	21	<i>[Signature]</i>
6	Chougule Akanksha Shivaji	9028865297	21	Amrutha
7	Gaikwad Shravani Rajendra	7499832055	21	Gshravani
8	Patil Amruta Prakash	9359035835	21	A.Patil
9	Yadav Samruddhi Sambhaji	7020178173	21	Sadav
10	Devasthali Pooja Rajendra	8390293883	21	Devasthali
11	Momin Safiya Salim	9921662023	21	Safiya
12	Mane Rucha Vijaykumar	7821839191	21	Rucha
13	Mujawar Bushara Yunus	9511950161	21	B.Y.M
14	Jamadar Payal Zakir	7387295232	21	Payal
15	Pendhari Simran Musa	9309003723	21	Bendhari
16	Patil Akshata Sukumar	7058611108	21	A.Patil
17	Patil snehal Shivaji	8010767160	21	S.Patil
18	Bamane Swati Tanaji	9765764025	21	Bamane
19	Patil Pratiksha Sunil	8262898201	21	Patil
20	Mhavale Vishwananda Vishwnath	9552251594	21	Mhavale
21	Shelke Shraddha Suresh	9370187675	21	S.S. Shelke.
22	Patil Sakshi Vijay	7972550076	21	Sakshi
23	Bhise Samruddhi Prakash	9209386542	20	<i>[Signature]</i>
24	Pathan Aman Aslam	7020867979	21	A.A. Pathan
25	Lad Sakshi Deepak	9552725602	21	(S.D.B)
26	Patil Avantika Sunil	9673776234	21	A.S. Patil
27	Patil Monika Sunil	7499201713	21	M.S. Patil
28	Patil Nagesh Dhanaji	8483001839	21	M.P. Patil
29	Mr. Dattatraya .B. Patil	9623325599	50	<i>[Signature]</i>
30	Ms. Supriya Mohite	9545133534	32	<i>[Signature]</i>
31	Ms. Pradnya Patil	8668219650	30	<i>[Signature]</i>

32	Ms. Sanjivani Patil	9325126080	26	<i>Patil</i>
33	Mr. Dhavale Kishor	9623329599	38	<i>K. Dhavale</i>

[Signature]
Head
Department of Computer Science
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

[Signature]
Head
Department of Mathematics
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

[Signature]
Principal
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

Shri.Shahu Shikshan Prasarak Seva Mandal,

SHRI VIJAYSINHA YADAV COLLEGE, PETH VADGAON.



**TOUR REPORT
OF
DEPARTMENT OF MATHEMATICS**

B.sc III

TOUR REPORT

SUBMITTED BY

Miss .Pradnya Suresh Patil

2022-2023

Shri.Shahu Shikshan Prasarak Seva Mandal,

SHRI VIJAYSINHA YADAV COLLEGE , PETH VADGAON.

DEPARTMENT OF MATHEMATICS

CERTIFICATE

This is certifying that Miss.Pradnya Suresh Patil has satisfactorily carried out the required study tour prescribed by SHIVAJI UNIVERSITY KOLHAPUR at B.sc III course I Mathematics in the academic year 2022-2023.

Place : Peth Vadgaon

Date : / /2023

Teacher in charge

Examiner

Head of Department

TOUR ROUTE



OLD CHURCH

The **Basilica of Bom Jesus** is a Catholic basilica located in Goa, in the Konkan region of India. The iconic church is a pilgrimage centre and recognised by UNESCO as a World Heritage Site.[1][2] The basilica is located in Old Goa, the former capital of Portuguese India, and holds the mortal remains of St Francis Xavier.

Bom Jesus is the name used for the Ecce Homo in countries of the Lusosphere. This Jesuit church is India's first minor basilica, and is considered to be one of the best examples of baroque architecture and Portuguese Colonial architecture in India. It is one of the Seven Wonders of Portuguese Origin in the World.



HISTORY:

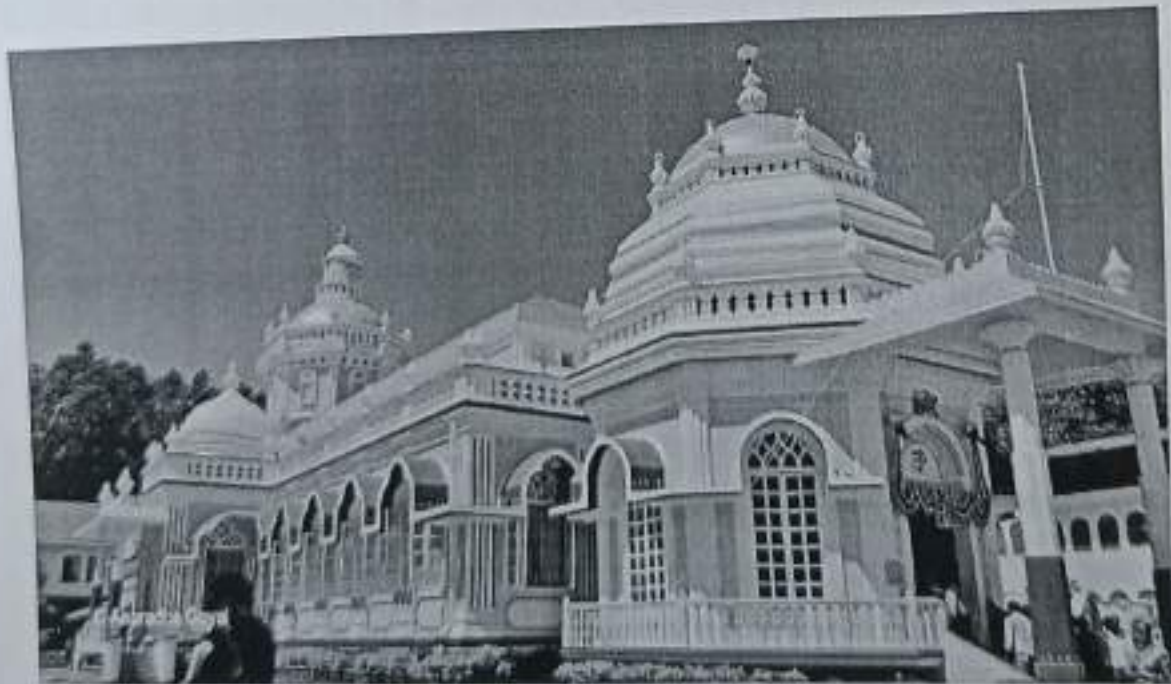
Construction work on the church began in 1594 after destruction of old Shiva temple, but still no one was able to put cross upon this church. The church was consecrated in May 1605 by the archbishop, Dom Fr. Aleixo de Menezes. This world heritage monument has emerged as a landmark in the history of Christianity. It contains the body of St. Francis Xavier, a very close friend of St. Ignatius Loyola with whom he founded the Society of Jesus (the Jesuits). Francis Xavier died on Sancian Island, Chuandao, Taishan while en route to continental China on (3 December 1552). It is also believed that the body is of Ven. Thotagamuwe Sri Rahula Thera, a Sri Lankan Buddhist monk.



Mangueshi Temple

Shri Manguesh temple (Devanagari: श्री मंगेश मंदीर) is located at Mangeshi Village in Priol, Ponda taluk, Goa. It is at a distance of 1 km from Mardol close to Nagueshi, 21 km from Panaji the capital of Goa, and 26 km from Margao.

Shree Mangueshi is the Kuldeva (family deity) of Goud Saraswat Brahman. Shrimad Swamiji of Shri Kavale Math is Spiritual chief Of Shri Mhanges Saunsthan, Mangueshi. This temple is one of the largest and most frequently visited temples in Goa. In 2011, the temple along with others in the area instituted a dress code on visitors of the temple.



SCIENCE CENTER



The Goa Science Centre is a science museum, located on New Marine Highway, Miramar, Panjim. It is a joint project of a division of India's National Council of Science Museums (NCSM) and Goa's Department of Science Technology & Environment.

The Science Centre covers 5 acres (2.0 ha) of land, provided by the Government of Goa. It includes a park with exotic flowers, where visitors can learn and interact with large exhibits of principles of physics. Most exhibits give visitors the opportunity to participate actively, e.g. requiring people to lift themselves using pulleys and ropes.

Activities are tailored to children, so they enjoy exploring, experiencing and learning about science.

The centre also houses interactive exhibits inside the building and presents Science Shows for young children daily. The Digital Planetarium, 3-D Film Shows, Science Lectures Demonstration, Science Film Shows, Taramandal Shows and the Cyberlab Shows are suitable for all ages.

Science Centre has an air-conditioned auditorium seating 140, where the Science Film Shows and other multimedia presentations are shown. The Cyberlab is a Multimedia Computer Lab designed to demonstrate and spread IT awareness to the public. There are two thematic galleries: Fun Science and Science of Oceans.

❖ 3D Science Show

With this unique facility one can experience viewing of 3-D films using a stereo projection system and specially aligned polarized spectacles. The objects on the screen will almost tickle your nose or animals leaping from the screen onto your lap will make you jump off the chair. Whatever be the scene on the screen you are sure to get excited.

❖ Science of ocean Gallery

The new gallery on Oceans- Blue world will present a new dimension of Oceanic science and beauty to the visitors. Especially focused on school children the exhibits of this gallery beautifully

explained some physical phenomena related to oceans through its interactives. It will also have exhibits for general visitors like feel in Arctic and selfie with sea lions. This gallery also deals with Ocean pollution and tell you some mysteries of oceans. Overall you are going to love this gallery.



❖ Fun Science Gallery

Fun, excitement and a lot of action is what this new gallery is all about in a nutshell. It is a place where every move of yours counts and every action you take is responded to. A truly interactive experience is what the gallery promises you.

Here science unfurls its underlying logic and principles as you tinker with the exhibits and play with the options they offer for interaction. It is where you catch science in live action and discover for yourself why things happen the way they do.



Student Feedback

Educational visit to Goa Science center, Mangeshi Temple, Old church, Donapaula Beach,,calangute Beach and Sawantwadi. The guiding staff both college staff as well as site staff was very supportive to all students. We hope that visit will help us in our future practical life and bring a positive change in our thinking and practical behavior regarding Education specially.

The student of TY.Mathematics are extremely thankful to Honourable principal of V.Y.M.Peth Vadgaon Mr. D.B.Patil HOD of Mathematics department, Prof. Miss.Sanjivani Patil all staff of Mathematics Department and the Student Coordinators of visit.

PREPARED BY

(Staff Co-ordinate's)

(Student Co-ordinator's)

1.Prof.Mr D.B.Patil

1. Avantika Patil

2.Prof.Miss.Sanjivani Patil

2. Samruddhi Bhise

List Of Staff Members for Visit

1	Prof.Mr.D.B.Patil Dept of Mathematics Chief Co-Ordinator(Industrial Visit)
2	Prof.Miss.Sanjivani Patil Dept of Mathematics Chief Co-ordinator(Industrial Visit)

Shri Vijaysinha Yadav College, Peth Vadgaon

Department of Sociology

Report -2022-2023

on

CO-CURRICULAR ACTIVITY/ EXTENSION ACTIVITY

01) Name of Activity: - **GUEST LECTURE**

02) Theme of the Activity:

"DATA COLLECTION IN SOCIAL RESEARCH"

03) Date and Time of Activity Conducted: -

03RD MARCH 2023, TIME: 11:30AM TO 12:30PM

04) Target Group: B.A.-III AND II (SOCIOLOGY)

05) Number of Students Involved: - **24**

06) Name of Organizer: DEPARTMENT OF SOCIOLOGY

07) Name of the Resources Person:

MR. NOBIN BHOWMIK, Assistant professor, Department of Education,
Shantiniketan Institute, Kolkata.

08) President of the Function: -

Dr. Chavan Ashok [Head, Sociology]

09) PO: To develop knowledge and skills of Research in sociology.

10) PSO: I) To equip Students with necessary skills for employment in any social research organization.

II) To develop empirical reasoning, understanding and analysis of social reality.

11) OUTCOMES: I) Students understand the of career opportunities in sociology.

II) Students get knowledge about knowledge and skills in the Research in Sociology.

"अतिथितं विश्व मातृश्रीला पर व्याख्यात अहारात्"

(Guest Lecture Report)

Department of Sociology special lecture was organized on 03rd March 2023 for the students of Sociology. Social research is the basic requirements of social sciences. The students of B.A. Sociology should know about the ways and means about the Social Research. There are lots of opportunities in the field of Sociology. Students must be aware about their career; therefore, special guest lecture has organized on the subjects of "DATA COLLECTION IN SOCIAL RESEARCH"

MR. NOBIN BHOWMIK, Assistant professor, Department of Education, Shantiniketan Institute, Kolkata was the resources person for this function.

MR. NOBIN BHOWMIK expressed on "DATA COLLECTION IN SOCIAL RESEARCH" is very much important in the reference of making theory. The data should be more appropriate for the scientific conclusion. There are 24 students of B.A. -II and III years was participated in the activity. Students raised the questions on the subject and resource persons gave satisfied answers to the students. Mr. Shuhas Romane [Ph.D. Scholar] was present as a special guest. Dr. Chavan Ashok was the chairperson of the activity.



Dr. Nisargandh P.R.



Dr. Chavan A.S.
Head,
Department of Sociology
V.Y. College, P.O. - 751030, Kolkapur

Shri Vijaysinha Yadav College, Peth Vadgaon

Department of Sociology

Report -2022-2023

on

CO-CURRICULAR ACTIVITY/ EXTENSION ACTIVITY

01) Name of Activity: - Poster Presentation/Wall paper

02) Theme of the Activity:

“Birsa Munda Birth Anniversary”

03) Date and Time of Activity Conducted: - 24th November 2022

04) Target Group: B.A.-Students

05) Number of Students Involved: - 15

06) Name of Organizer: Department of Sociology

07) Name of Guides: -Dr. Chavan A.S. & Dr. Nisargandh P.R.

08) Chairperson of Activity: Dr. Vijaya Chavan [Principal, VYMPV]

08) PO: To equip the students with writing Skills.

09) PSO: I) To introduced to the ideology and practices of “Birsa Munda.

II) To fact find in the relation to “Birsa Munda and Tribble society.

10) OUT COMES:

I) Students acquired knowledge of “Birsa Munda.

II) Developed writing skills with in students.

III) Students Understand ideology and Practices of “Birsa Munda.


Head,
Department of Sociology
V. Y. College, Peth- Vadgaon, K.

Descriptive Report:

"Birsa Munda is the eminent personality of colonial period. He fought against British empire as well as feudalistic society. Tribes Sociology is one important branch of Sociology; there for students should know information about Tribes Heros. Birsa Munda is one important Hero of Tribes of India. B.A.-III- and II-year students prepared poster on "Birsa Munda" on birth anniversary of "Birsa Munda on 24th November 2022. Dr. Chavan A.S. and Dr. Nisargandh P.R. guide them. Students focus on ideology, practices, struggle, etc. on the poster with appropriate photographs. Chairperson was Dr. Vijaya Chavan [Principal, VYMPV] of this activity. More than 15 students have actively participated in this activity.


Nisargandh P.R.


Chavan A.S.
Head,
Department of Sociology
V. Y. College, Peth-Vadgaon, K¹

Shri Vijaysinha Yadav Peth Vadgaon

DEPARTMENT OF SOCIOLOGY 22-23

Name of Activity: Wall Paper

Date of the Activity: 24 Nov. 2022

ATTENDANCE

Sr. No.	Name of Participants	Roll. No.	Signature	Remark
1)	Shradha Shrikant Mulukdale B.A III	577		
2)	Pranati Ajit Pawar B.A III	581	P.A.P	
3)	Anushka Sumbhaji Patil	579	A.S.Patil	
4	Prachi Rajaram Chavan	570		
5	Nafisa Jamam Valunkar	584		
6	Jyoti Koushnat Patil	580		
7	Pranali Prakash More	633		
8)	Aarya Deepak Pawar	582		
9)	Akshata Prakash Chougule	571		
10	Pooja Shashankumar Buddha	569		
11	Prayanshwari Ananda Bhosale	568		
12	Pravin Sukumar Nalk	578		
13	Vidhhar Kiran Jadhav	632		
14	Shubhangi. B. Tavade	583		

Head,
Department of Sociology
V.Y. College, Peth-Vadgaon, Kolhapur



Head,
Department of Sociology
V. Y. College, Peth-Vadgaon, Mumbai



[Signature]
Head,
Department of Sociology
V. Y. College, Peth- Vadgaon, Kolhapur

Shri Vijaysinha Yadav College, Peth Vadgaon

Department of Sociology

Report -2022-2023

on

CO-CURRICULAR ACTIVITY/ EXTENSION ACTIVITY

- 01) Name of Activity: - Group Discussion
- 02) Theme of the Activity: Sociology Present and Future
- 03) Date and Time of Activity Conducted: -
12th December 2022, Time: 11:15am to 12:30pm
- 04) Target Group: B.A.-II and III Students
- 05) Number of Students Involved: - 12
- 05) Number of Students Attended: - 26
- 06) Name of Organizer: Department of Sociology
- 07) Name of Guide and Observers: -

Chavan A.S. & Nisargandh P.R.

08) PO: To equip the students with communicative skills along with understanding of subject knowledge

09) PSO: I) To develop skills about systematic presentation of self-knowledge

II) To develop analytical understanding about other's views and critical findings.

10) OUTCOMES: I) Students able to understand social issues concern to the sociological perspectives.

II) Students developed their skills of Communication in area of social issues.


Head,
Department of Sociology
V. Y. College, Peth-Vadgaon, Kolhapur

"समूह चर्चा अहवाल"

(Group Discussion Activity Report)

Group Discussion is one important part in the personality development of students. The smart communication will help to get career opportunities. Department of Sociology always take insensitive for the development of students. Dr. G.S. Ghurye is the founder of Sociology. Sociology has celebrated in the memory of contribution of Dr. G.S. Ghurye for the Sociology. 12th December is birth anniversary of Dr. G.S. Ghurye; therefore, 12th December has been celebrated as a 'SOCIOLOGY DAY'.

B.A.-II- and III-Year students has participated in this group discussion. There were two round discussions. One is based on present Status and Problems of Sociology. Second round is based on future of Sociology. At the end of discussion students comes on some conclusions. Some are these: The modern society become more complicated. There are change in problems. Sociology is the Science of Society therefor without understand we can't solve the present problems of society. There is good career for the students of Sociology. Dr. Chavan A.S. And Dr. Nisargandh P.R. Guide and Supervise to the Students.


Nisargandh P.R.


Chavan A.S.
Head,
Department of Sociology
V. Y. College, Peth-Vadgaon, Kolhapur

Shri Vijaysinha Yadav Peth Vadgaon
DEPARTMENT OF SOCIOLOGY

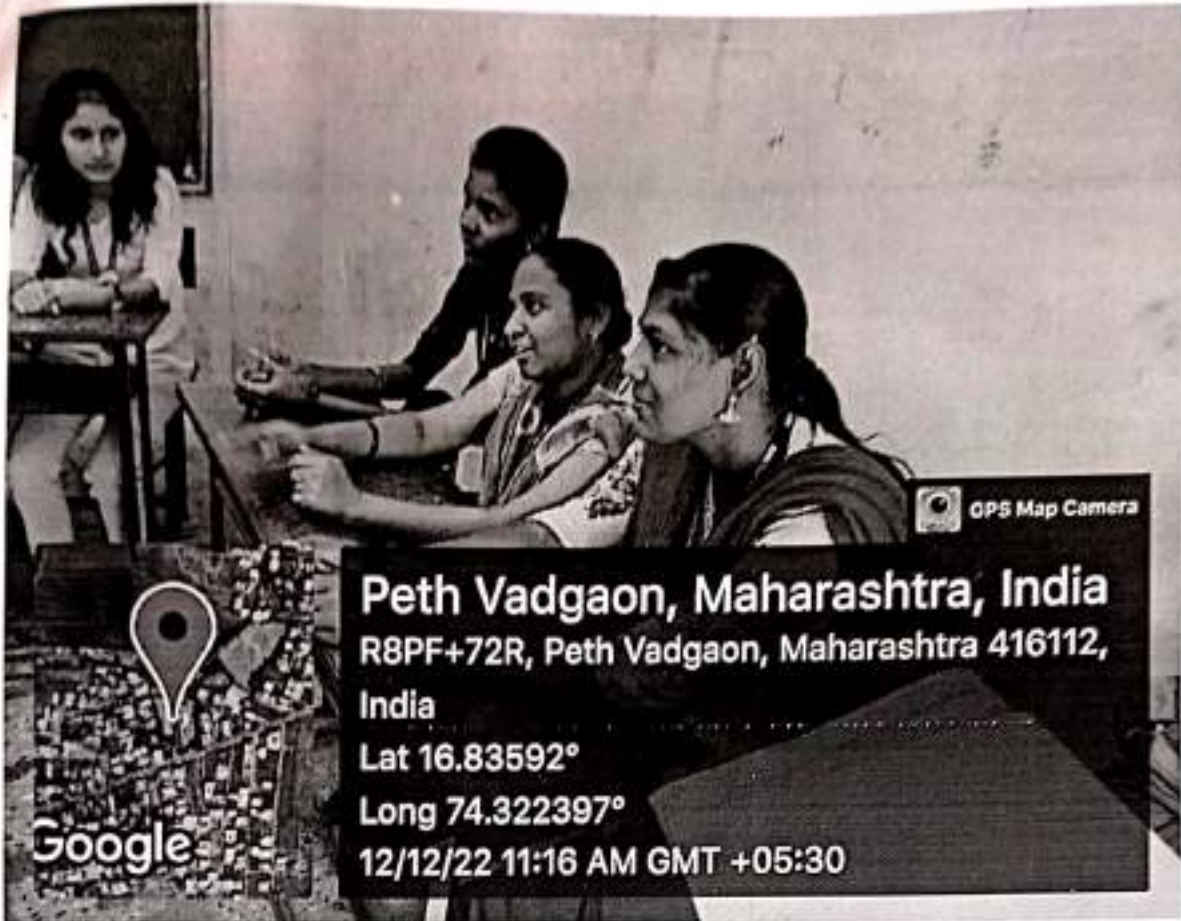
Name of Activity: Group Discussion

Date of the Activity: 12th Dec. 2022

ATTENDANCE

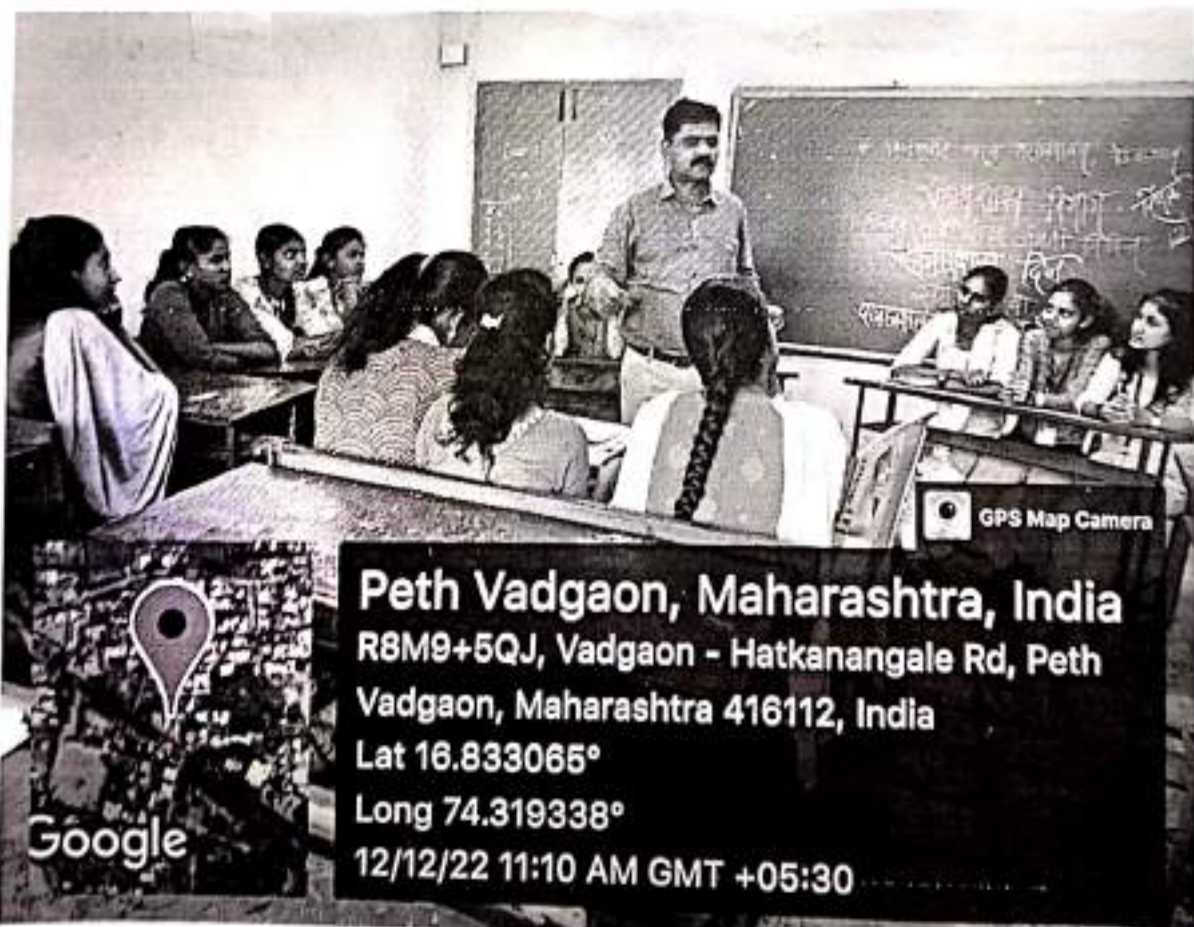
Sr. No.	Name of Participants	Roll. No.	Signature	Remark
1	Vaidhavi Kanchan Jadhav B.A.III	632		
2	Rubya Krishna Gadare B.A.III	573		
3	Mehali Vilas Godane B.A.III	574		
4	Vaishnavi Bhausa Lagade B.A.III	576		
5	Bramali Prakash More B.A.III	633		
6	Romal Chandrakant Bebare B.A.III	567	K.C.bebare.	
7	Shradha Shrikant Mudaxiwale B.A.III	577		
8	Pranoti Ajit Powar B.A.III	581	P.A.P.	
9	AMRUTA ANANDA KHOT B.A.III	575		
10	Nafisa Imam Varunkar B.A.III	584		
11	Prachi Rajaram Chavan B.A.III	570		
12	Pravin Sukumar Naik B.A.III	578		
13	Akshi Vadhya Sambhaji Patil B.A.III	579		
14	Jyoti Koushnat Patil B.A.III	580		
15	Pooja Shazadkumar Budhe B.A.III	569		
16	Akshata Prakash Chaugule B.A.III	571		
17	Anjaneshwari Ananda Bhosale B.A.III	568		
18	Patil Namanta Vitthal B.A.I	105		
19	Patil Apaksha Amol B.A.I	106		
20	Koii DABASHMA DINASH B.A.I	99		

Head,
 Department of Sociology
 V.Y. College, Peth-Vadgaon,




Peth Vadgaon, Maharashtra, India
R8PF+72R, Peth Vadgaon, Maharashtra 416112,
India

Lat 16.83592°
Long 74.322397°
12/12/22 11:16 AM GMT +05:30



Peth Vadgaon, Maharashtra, India
R8M9+5QJ, Vadgaon - Hatkanangale Rd, Peth
Vadgaon, Maharashtra 416112, India

Lat 16.833065°
Long 74.319338°
12/12/22 11:10 AM GMT +05:30

Head, 
Department of Sociology
V. Y. College, Peth-Vadgaon, Kolhapur



Peth Vadgaon, Maharashtra, India
R8PC+5RM, Peth Vadgaon, Maharashtra
416112, India
Lat 16.835676°
Long 74.32204°
12/12/22 11:11 AM GMT +05:30



Peth Vadgaon, Maharashtra, India
R8PF+72R, Peth Vadgaon, Maharashtra 416112,
India
Lat 16.835984°
Long 74.322387°
12/12/22 11:12 AM GMT +05:30

Shri Vijaysinha Yadav College, Peth Vadgaon

Department of Sociology

Report -2022-2023

on

CO-CURRICULAR ACTIVITY/ EXTENSION ACTIVITY

01) Name of Activity: - "Project Writing"

02) Theme of the Activity:

"Project Writing on Social Issues of selective places "

03) Date and Time of Activity Conducted: -

05th March 2023 and 05 January to 20 April 2023

04) Target Group: B.A.-III-year Students

05) Number of Students Involved: - 12

06) Name of Organizer: Department of Sociology

07) Name of Guide and Observers: -Chavan A.S. & Dr. Nisargandh P.R.

08) PO: To equip the students with Research Skills along with field work.

09) PSO: I) To introduced to the concept of conducting research with computer use .

II) To understanding empirical reasoning, and data analysis of social reality with ICT.

10) OUTCOMES:

I) Students understand the Research Methods in sociology.

II) Students get knowledge about knowledge and skills of Research Methodology in Sociology and Report writing.

Head,
Department of Sociology
V. Y. College, Peth- Vadgaon, Kolhapur



“लघु शोध प्रकल्प अहवाल”

(Students Miner Research Project Report)


Fieldwork and Report writing are important part in Social Science Research. It is part of methods of social research. Empirical data of universe is fundamental need of research; therefore, department of Sociology organized "Project Writing on Social Issues of selective places on the 05th March 2023 and 05 January to 20 April 2023 for the students of B.A.- III year.

The field work was based on the Observation, Interview, and Interview scheduled. The collected data used for the making research project by students of B.A.-III year. The participated students were focused on area of

- “घुणकी गावातील जाती व्यवस्थेमधील परिवर्तन: काही निरीक्षणे”
- “भेंडवडे गावातील संस्कृतीकरण”
- “पेठ वडगाव बसस्थानकात बसची प्रतीक्षा करणाऱ्या विद्यार्थीनींचा समाजशास्त्रीय अभ्यास”
- “ठाडपेवाडी येथील सामाजिक परिवर्तन: काही निरीक्षणे
- निरीक्षण व मुलाखत तंत्रातील गुण व दोष”

Dr. Nisargandh Prabhakar and Dr. Chavan Ashok was guides for making projects.


Dr. Nisargandh P.R.


Dr. Chavan A.S.,
Head,
Department of Sociology
V. Y. College, Peth- Vadgaon, Kc¹⁵⁰⁰⁷



शाहू शिक्षण प्रसारक सेवा मंडळ, संचालित
श्री विजयसिंह यादव महाविद्यालय, पेठवडगाव

समाजशास्त्र विभाग

“वडगांव बसस्थानकावर बसप्रतिक्षा करणाऱ्या
विद्यार्थ्यांनींचा समाजशास्त्रीय अभ्यास”

शिवाजी विद्यापीठ, कोल्हापूर बी. ए. तृतीय [समाजशास्त्र]
विषयाच्या पदवी अभ्यासक्रमाचा भाग म्हणून सदर लघु शोध
प्रकल्प सादर

संशोधक विद्यार्थी

बी.ए. तृतीय [समाजशास्त्र]

गार्गदर्शक

डॉ. चव्हाण अशोक शामराव

डॉ. निसर्गध पभाकर रामराव

सन - २०२२-२०२३

श्री विजयसिंह यादव महाविद्यालय, पेठवडगाव
समाजशास्त्र विभाग

“वडगांव बसस्थानकावर बसप्रतिक्षा करणाऱ्या
विद्यार्थ्यांनीचा समाजशास्त्रीय अभ्यास”

सहभागी विद्यार्थी

अ.क्र.	विद्यार्थ्यांचे नाव	रोल. न.	विद्यार्थ्यांची सही	शेरा
०१	प्राची चव्हाण	१७०	<u>Pehavani</u>	
०२	ऋतुजा फडतरे	८७३	<u>R.R.</u>	
०३	वैभव जाधव	६३२	<u>V.Sobhar</u>	
०४	ज्योती पाटील	१८०	<u>Jyoti.</u>	
	मंशिली माने		<u>Mansili.</u>	



शाहू शिक्षण प्रसारक सेवा मंडळ, संचालित
श्री विजयसिंह यादव महाविद्यालय, पेठवडगाव

समाजशास्त्र विभाग

“भेंडवडे गावातील सांस्कृतिकरण”

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विषयाच्या पदवी अभ्यासक्रमाचा भाग म्हणून सदर लघु शोध
प्रकल्प सादर

संशोधक विद्यार्थी

बी.ए. तृतीय [समाजशास्त्र]

मार्गदर्शक

डॉ. चव्हाण अशोक शामराव

डॉ. निसर्गधर प्रभाकर रामराव




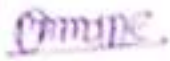
सन - २०२२-२०२३

श्री विजयसिंह यादव महाविद्यालय, पेठवडगाव

समाजशास्त्र विभाग

“भंडवडे गावातील सांस्कृतिकरण”

सहभागी विद्यार्थी

अ.क्र.	विद्यार्थ्यांचे नाव	रोल न.	विद्यार्थ्यांची सही	शेरा
०१	आर्या पोवार	५८२		
०२	पवित्र नाईक	५७८		
०३	मृणाली भोंदणे	५७४		
०४	मंजिती माने			



शाहू शिक्षण प्रसारक सेवा मंडळ, संचालित
श्री विजयसिंह यादव महाविद्यालय, पेठवडगाव

समाजशास्त्र विभाग

"हाडपेवाडी येथील सामाजिक परिवर्तनः काही निरीक्षणे"

शिवाजी विद्यापीठ, कोल्हापूर बी. ए. तृतीय [समाजशास्त्र]
विषयाच्या पदवी अभ्यासक्रमाचा भाग म्हणून सदर लघु शोध
प्रकल्प सादर

संशोधक विद्यार्थी

बी.ए. तृतीय [समाजशास्त्र]

मार्गदर्शक

डॉ. चव्हाण अशोक शामराव

डॉ. निसर्गध प्रभाकर रामराव

सन - २०२२-२०२३

श्री विजयसिंह यादव महाविद्यालय, पेठवडगाव
समाजशास्त्र विभाग

"हाडपेवाडी येथील सामाजिक परिवर्तनः
काही निरीक्षणे"

सहभागी विद्यार्थी

अ.क्र.	विद्यार्थ्यांचे नाव	रोल. नं.	विद्यार्थ्यांची सही	शेरा
०१	प्रणोती पोवार	५८१	P.A.P	
०२	अक्षता चौगुले	५७१	Akshata	
०३	प्रणाली मोरे	६३३	Pranali	
०४	अनुराधा पाटील	५७९	A.S. Patil	
	मैथिली मोने		Mayur	



शाहू शिक्षण प्रसारक सेवा मंडळ, संचालित
श्री विजयसिंह यादव महाविद्यालय, पेठवडगाव

समाजशास्त्र विभाग

"निरीक्षण व मुलाखत तंत्रातील गुण व दोष; बळवंतराव यादव
व विजयसिंह यादव पेठ वडगाव - येथील मुलींचा अभ्यास"

शिवाजी विद्यापीठ, कोल्हापूर बी. ए. तृतीय [समाजशास्त्र]
विषयाच्या पदवी अभ्यासक्रमाचा भाग म्हणून सदर लघु शोध
प्रकल्प सादर

संशोधक विद्यार्थी

बी.ए. तृतीय [समाजशास्त्र]

मार्गदर्शक

डॉ. चव्हाण अशोक शामराव

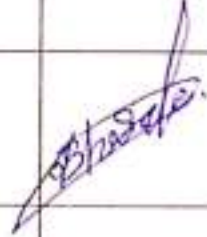
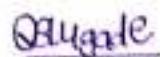

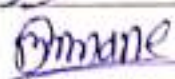
डॉ. निसर्गध प्रभाकर रामराव

सन - २०२२-२०२३

श्री विजयसिंह यादव महाविद्यालय, पेठवडगाव
समाजशास्त्र विभाग

"निरीक्षण व मुलाखत तंत्रातील गुण व दोष; बळवंतराव यादव
व विजयसिंह यादव पेठ वडगांव - येथील मुलींचा अभ्यास"

सहभागी विद्यार्थी

अ.क्र.	विद्यार्थ्यांचे नाव	रोल. न.	विद्यार्थ्यांची सही	शेरा
०१	ज्ञानेश्वरी भोसले	५६८		
०२	कोमल बेबले	५६७		
०३	वैष्णवी लुमडे	५७६		
०४	श्रद्धा गुड्डिवाले	५७७		
	मैथिली माने			



शाहू शिक्षण प्रसारक सेवा मंडळ, संचालित
श्री विजयसिंह यादव महाविद्यालय, पेठवडगाव
समाजशास्त्र विभाग

"घुणकी गावातील जाती व्यवस्थेतील परिवर्तन: काही निरीक्षणे"

शिवाजी विद्यापीठ, कोल्हापूर बी. ए. तृतीय [समाजशास्त्र]
विषयाच्या पदवी अभ्यासक्रमाचा भाग म्हणून सदर लघु शोध
प्रकल्प सादर

संशोधक विद्यार्थी

बी.ए. तृतीय [समाजशास्त्र]

मार्गदर्शक

डॉ. चव्हाण अशोक शामराव

डॉ. निसर्गध प्रभाकर रामराव



सन - २०२२-२०२३

श्री विजयसिंह यादव महाविद्यालय, पेठवडगाव

समाजशास्त्र विभाग

"घुणकी गावातील जाती व्यवस्थेतील परिवर्तनः काही
निरीक्षणे"

सहभागी विद्यार्थी

अ.क्र.	विद्यार्थ्यांचे नाव	रोल. न.	विद्यार्थ्यांची सही	शेरा
०१	पूजा बुदडे	५६९		
०२	शुभांगी तावडे	५६३	S.B. Taavde	
०३	अमृता खोत	५७५		
०४	नफिसा वारुणकर	५८४	Nufisa	
०५	मंशिकी माने	-		

Shri Vijaysinha Yadav College, Peth Vadgaon

Department of Sociology

Report -2022-2023

on

CO-CURRICULAR ACTIVITY/ EXTENSION ACTIVITY

01) Name of Activity: - **GUEST LECTURE**

02) Theme of the Activity:

"IMPORTANCE OF APPLIED SOCIOLOGY"

03) Date and Time of Activity Conducted: -

24 AUGUST 2022, TIME: 11:15AM TO 12:30PM

04) Target Group: **B.A.-III AND II (SOCIOLOGY)**

05) Number of Students Involved: - **54**

06) Name of Organizer: **DEPARTMENT OF SOCIOLOGY**

07) Name of the Resources Person:

DR. JAYAWANT GHATAGAE, Head, Department of Sociology, Dr. Ambedkar College, Peth Vadgaon.

08) President of the Function: -

Dr. Nisargandh Prabhakar

09) **PO:** To develop knowledge and skills of career opportunities in sociology.

10) **PSO: I)** To equip Students with necessary skills for employment in any social research organization.

II) To develop empirical reasoning, understanding and analysis of social reality.

11) **OUTCOMES: I)** Students understand the of career opportunities in sociology.

II) Students get knowledge about knowledge and skills in the applied Sociology.

"अतिथींचे विशेष मार्गदर्शन पर व्याख्यान अहवाल"

(Gast Lecture (Online) Report)

Department of Sociology special lecture was organized on 24th August 2023 for the students of Sociology. Some basic pre-requirements to getting admission in the reputed institutes of social sciences. The students of B.A. Sociology should know about the ways and means to get the admission in the reputed institutes. There are lots of opportunities in the field of Sociology. Students must be aware about their career; therefore, special guest lecture has organized on the subjects of "Importance of Applied Sociology ". Dr. Jayawant Ghatagae, Head, Department of Sociology, Dr. Ambedkar College, Peth Vadgaon was the resources person for this function.

Dr. Jayawant Ghatagae focused on THE OPPORTUNITIES IN THE applied and given methods of preparation to get admission. More than 54 students of B.A, -I, II and III years was participated in the activity. Students raised the questions on the subject and resource persons gave satisfied answers to the students. Dr. Nisargandh Prabhakar was the chairperson of the activity.

Nisargandh P.R.



Chavan A.S.


Head,
Department of Sociology
V. Y. College, Peth-Vadgaon, Kolhapur

Shri Shahu Shikshan Prasarak Seva Mandal's
Shri Vijaysinha Yadav College, Peth Vadgaon
Department of Zoology
Student Centric Methods – 2022-23

The department of zoology is conducting different student centric activities for all over progression of the students. The activities like seminars, research projects, Zoology corner-Annual question series in Zoology, poster presentation sessions, article writing, guest lectures, and study tours, etc. are conducted for the students. The main objective to conduct these activities is to develop research attitude, presentation skills and personality of the students.

In Academic year 2022-23, the activities like seminars of students, research projects, Online Quiz, Guest lectures and Study tours were conducted. After conducting each activity counselling drive is run to discuss the do's and don'ts for these activities with the students. The teachers from the department explain the students about their positive things as well as drawbacks in each activity. This guidance motivates the students for their overall development. The students get benefit of these activities in finding jobs, in higher education such as M. Sc., Ph. D. as well as for the preparation of competitive exams.

Sr. No.	Name of activity	Date	Outcome
1	Career Guidance lecture	07-10-2022	Instrumentation and career in Zoology
2	Online Quiz on Kahoot	19-10-2022	Opportunities in Phlebotomy technology
3	Seminars of the students	October-November 2022	Explanation methods, Referencing skill, Stage daring in the students
4	Study tours	February-March 2023	Field knowledge of the subject
5	Research Projects	September 2022 to May 2023	Research attitude, Reference searching, report writing skills


(Dr. Rajaram H. Atigre)
Head
Department of Zoology
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur

Shri Shahu Shikshan Prasarak Seva Mandal's,
Shri Vijaysinha Yadav College, Peth Vadgaon
Department of Zoology
B. Sc. III Students' Seminars 2022-23

Students of B. Sc. III delivered seminars on the topic given in the table on the date mentioned against them. The seminars were supervised and analysed by respective teachers.

Sr. No.	Roll No.	Name of the Student	Title of Topic	Date	Signature of student	Signature of supervisor
1	1350	Babar Mayuri Hindurao	--	--	—	—
2	1351	Chavan Priti Dattatraya	Intertidal zone	11-11- 2022	<i>Chavan</i>	Dr. Atigre <i>Atigre</i>
3	1352	Kamble Rajit Ravindra	--	--	—	—
4	1353	Kumbhar Omkar Anil	--	--	—	—
5	1354	Mahabari Sujana Ayub	Wetlands	09-11- 2022	<i>Mahabari</i>	Dr. Maske <i>Maske</i>
6	1355	Maner Amina Noushad	Streams	17-11- 2022	<i>Maner</i>	Dr. Maske <i>Maske</i>
7	1356	Momin Zinat Shakil	Comparative account of brain in reptiles and birds	18-10- 2022	<i>Momin</i>	Dr. Atigre <i>Atigre</i>
8	1357	Patil Rajlaxmi Rajendra	Nitrogen cycle	15-11- 2022	<i>Patil</i>	Dr. Pawar <i>Pawar</i>
9	1358	Patil Bapurao Tukaram	--	--	—	—
10	1359	Sankpal Yogita - Jagannath	Estuaries	15-11- 2022	<i>Sankpal</i>	Dr. Pawar <i>Pawar</i>
11	1360	Sayyad Jinat Shafik	Phosphorous cycle	09-11- 2022	<i>Sayyad</i>	Dr. Atigre <i>Atigre</i>
12	1361	Shaikh Heena Ahmad	Comparative anatomy of lungs in vertebrates	18-10- 2022	<i>Shaikh</i>	Dr. Maske <i>Maske</i>


Dr. Rajaram Hindurao Atigre
Head
 Department of Zoology
 Shri. Vijaysinha Yadav College
 Peth Vadgaon, Dist. Kolhapur

Shri Shahu Shikshan Prasarak Seva Mandal's
Shri Vijaysinha Yadav College, Peth Vadgaon
Department of Zoology

Photo proof of Seminars conducted by students 2022-23



Amrta
Head
Department of Zoology
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur

SYNOPSIS

NAME - Shaikh Heena Ahmad

PRN NO. - 2020013659

PAPER - IX [Comparative Anatomy of Vertebrates]

TOPIC - RESPIRATORY SYSTEM IN VERTEBRATES
- Comparative Anatomy of Lungs in Vertebrates

DEFINITION - Respiration can be defined as a biochemical process by which organic compounds (food) are oxidised to liberate chemical energy.



METHODS OF RESPIRATION - 1. Respiration through skin
2. Respiration through respiratory organs -
a) Gills b) Lungs

PROCESS OF RESPIRATION - On the basis of location where O_2 & CO_2 exchange takes place, the process of respiration is of 2 types -
1. External respiration
2. Internal / cellular respiration

ORGANS OF RESPIRATION - External Naris, Nasal chamber, Internal Naris, Pharynx, Larynx, Trachea, Primary Bronchi, Lungs secondary and Tertiary Bronchi, Alveoli, Lungs.

DEVELOPMENT OF LUNGS - In embryonic stage -

1. Embryonic stage - (3-7 Weeks)
2. Pseudoglandular stage - (6-16 Weeks)
3. Canalicular stage - (16-28 Weeks)
4. Saccular stage - (24-38 Weeks)
5. Alveolar stage - (36 weeks - 3 years)

ANATOMY OF LUNGS IN - 1. Reptiles (Rabbit)
2. Aves (Pigeon)

Respiration in a simple definition is defined as the process of taking in O_2 rich air and getting rid of CO_2 (harmful) along with water vapour.

Organs involved in respiration are called respiratory organs and the system is called respiratory system.

Methods of respiration -

1. **Through skin** - most of the invertebrates shows direct gaseous exchange through skin but in vertebrates respiration through skin is the characteristics of amphibians. \rightarrow 2.5 times more than R.T.O.

2. **Through respiratory organs** - Vertebrates shows 2 principle respiratory organs, that are gills & lungs.

Gills - are the chief resp. organs of aquatic organisms like fishes. Are also of 2 types - i) internal / true gills - mostly in fishes & ii) external gills - some fishes & larva of amphibians.

Lungs - similarly, lungs are the chief resp. organs of terrestrial organisms. some amphi shows \rightarrow lungs & both external & internal gills.

Process Types of respiration - On the basis of location where O_2 and CO_2 exchange takes place there are 2 types of respiration processes.

1. External respiration
2. Internal / cellular respiration.

Organs of respiration - General organs of respiration consists of -

1. **External Naris** - external opening through which O_2 rich air is taken inside & CO_2 along with water vapour is expelled out this
2. opens into pharynx called **Internal Naris**. And the space between
3. them is called **Nasal chamber**.
4. **Pharynx** - present just behind buccal cavity. It is the space where respiratory and food passages cross each other
5. **Larynx** - sound producing organ. Also called Adam's apple. It is opened by opening called **glottis** which is guarded by **epiglottis**. Glottis shows 2 folds of elastic tissue called **vocal cords**
6. **Trachea** - also called wind pipe guarded by 'c' shaped cartilage rings -
7. **Bronchi** - trachea divides into primary bronchi & then to secondary

- and tertiary bronchioles.
8. Bronchioles ends with balloon / sac like structure called **Alveoli**.
 9. Lungs - Principle organs. Paired, hollow, elastic and distensible and highly vascular organ.

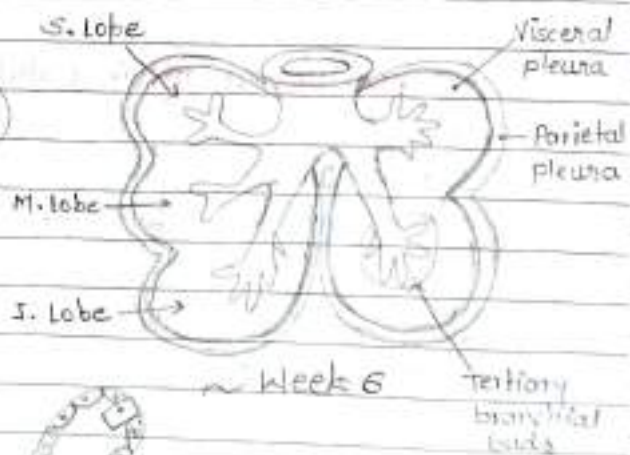
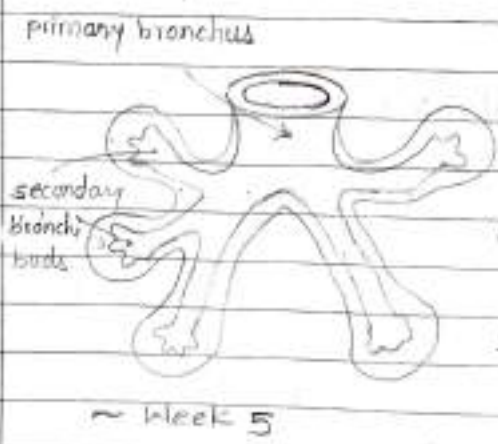
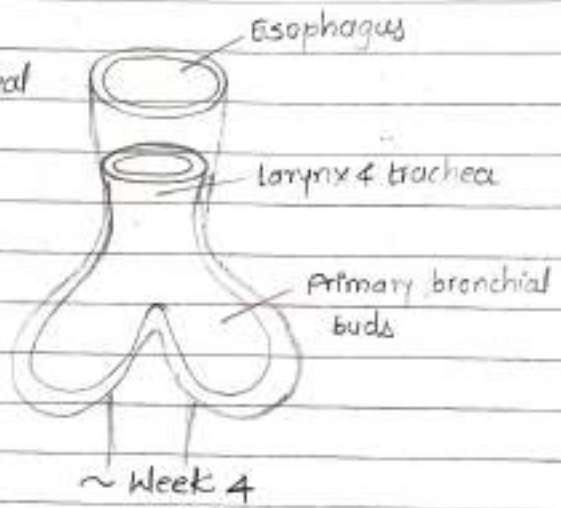
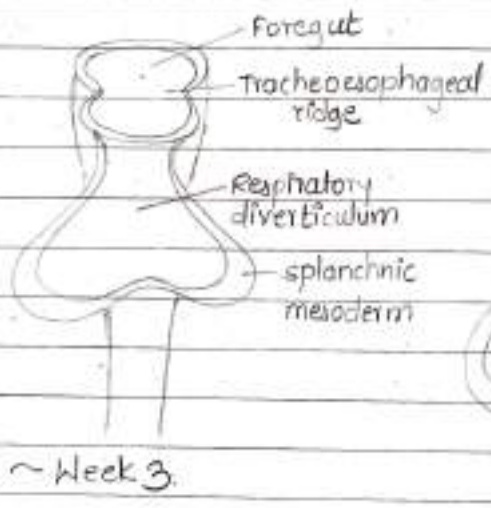
Development of Lungs in embryos - takes place in 5 stages

1. **Embryonic stage - (3-7 weeks)**
 - Respiratory diverticulum appears on the ventral side of foregut below pharynx.
 - Lung buds are formed and a tracheoesophageal ridge is formed which separates trachea and oesophagus.
 - Then trachea bifurcates into primary bronchial buds showing initiation of branching.
 - Here, Trachea and Larynx is developed.
2. **Pseudoglandular stage - (5-16 weeks)**
 - This stage is primarily responsible for the generation of the bronchial tree.
 - That is primary bronchial buds further branches into 2 secondary bronchial buds on the left and 3 on the right which later will decide the no. of lobes of each lung.
 - The cuboidal epithelium of the lungs looks similar to that of exocrine glands. Therefore called as pseudoglandular.
 - Secondary bronchi gives rise to tertiary bronchi which further gives extensive branching to form bronchial tree at the end of stage along with arteries and cartilage.
3. **Canalicular stage - (16-28 weeks)**
 - In this stage, development like elongation and growth of terminal bronchioles takes place.
 - Each bronchioles give rise to 3-6 alveolar ducts.
 - Dense capillary network around acinus begins to form creating blood-air barrier.
 - Therefore at this stage some respiration is possible.
4. **Acinar stage - (24-38 weeks)**
 - During this stage, the gas-exchange surface area expands.
 - The terminal acinus grows to form cluster like terminal sacs called isacules.

- They show 2 types of alveolar cells called type I pneumocytes and type II pneumocytes.

5. Alveolar stage - (36 weeks - 3 years)

- This stage primarily shows the further development of alveoli which continues till the third year of life.
- Both the number and size of alveoli increases until the lung is matured.



Lungs proper -

1. In Reptiles - (Lizards)

Respiration in reptiles in general is exclusively pulmonary, that is, it takes place only by lungs.

Respiration passage in Calotes Vesicolor :-

- The external nares are present on the snout which opens through nasal chamber and internal nares into the buccal cavity.
- Pharynx is present behind / posterior to the buccal cavity.
- A slit like opening at the end of pharynx is called glottis which leads into small box like chamber called larynx.
- Larynx is not differentiated into arytenoid & cricoid cartilage like Uromastix lizard.
- Vocal cords are absent.
- Larynx leads to very long, cylindrical tube called trachea which runs through neck which is supported by complete cartilaginous rings.
- Trachea bifurcates into two very small right & left branchi supported by complete cartilaginous rings. and enters the resp. lungs.

Respiratory organs in Calotes vesicolor -

- Lungs are the true respiratory organs.
- Lungs are pair of elongated, fusiform i.e. wide in the middle and tapering at both the ends, elastic, thin-walled sac-like organ.
- They lie in thoracic cavity on either side of the heart.
- The right lung is little larger than the left one.
- The inner surface of each lung shows network of incomplete ridges called septa which encloses alveoli where gaseous exchange takes place.
- The distal part of lung is without alveoli and hence non-respiratory.
- The lungs are highly vascularized.

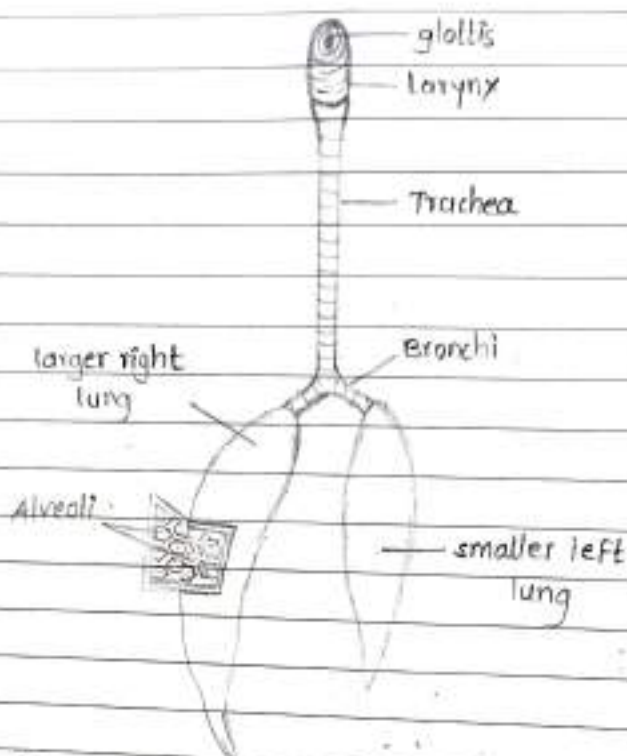


Fig. - Respiratory system in *Calotes versicolor*

Lungs in other reptilians -

1. In legless lizards & snakes - their left lung is rudimentary or absent due to their elongated body.
2. In turtle lung is highly thickened and vascularized giving spongy appearance.
3. In chameleons, lungs shows several long, thin walled air-sacs which they swell to frighten the predator and escapes.

2. In Aves - (Pigeon) -

- The intense activity of flight demands large supplies of oxygen.
- Therefore the respiratory system in Aves is more complicated than any other vertebrates.
- Respiration is pulmonary.
- Lungs are small & compact but continues as air sacs.
- True diaphragm is absent in birds.

Respiratory tract in Pigeon -

1. **Nares** - External nares - a pair of slit like opening at the base of beak, covered by sensitive fold of skin called operculum which then leads to short olfactory or nasal sac and then directly into pharynx by internal nares.
2. **Trachea** - Glottis is situated just behind the tongue which then opens into trachea. Greatly reduced larynx is at the anterior of trachea supported by 4 cricoid cartilage & a paired arytenoid cartilage.
 - Vocal cord & thyroid cartilage is absent.
 - Trachea is long, cylindrical & flexible tube which bifurcates into 2 short bronchi.
 - All the tracheal rings & 1st bronchial rings are complete & bony.
3. **Syrinx** - A special structure is found at the posterior end of trachea called syrinx or voice box
 - It consists of an expanded chamber called tympanum, supported by last 3-4 tracheal rings & 1st half bronchial ring.
 - At the junction, bony ridge of 2 bronchi called pessulus supports semilunar membrane.
 - The mucous membrane of each bronchus form internal and external tympaniform membrane which are controlled by intrinsic **sphincter muscles** and **sterno-tracheal muscles**.
 - Vibration of these membrane produces voice and the pitch is maintained by adjusting the tension between them.
 - * It is absent in cuckoos, storks & some vultures.

Respiratory organ in Pigeon -

1. Lungs -
 - 2 bright-red, small, compact, non-elastic bodies.
 - They do not hang freely in thoracic cavity.
 - Dorsally they have no peritoneal covering but ventrally it is covered by **plura**.
 - Each bronchi pierces the lungs and becomes **mesobronchus** with incomplete b rings.
 - It gives rise to secondary, tertiary bronchi and finally to the thin walled tubule called **air capillaries**, through which gaseous exchange with blood occurs unlike alveoli.

2. Air sacs -
 - Large, thin walled, membranous, non-muscular and non-vascular sacs.
 - Volume is several times than that of lungs.
 - They arises from secondary bronchi except the abdominal air sacs, and the opening is called **ostia**.
 - According to the location there are 9 major air sacs in pigeon.
 - 1) **Interclavicular** - 12 in number, situated in the angle between two limbs giving rise to clavicular and extra clavicular sacs.
 - 2) **Cervical** - a pair arises from each lung, lying at the base of lung alongside the vertebral column.
 - 3) **Anterior thoracic** - A pair, arises from anterior part of chest which extends back to overlap posterior thoracic air sacs.
 - 4) **Posterior thoracic** - A pair, found in posterior part of chest & overlaps posterior end of lungs.
 - 5) **Abdominal** - A pair of large posterior air sacs arises from directly from mesobronchus of lungs lie along dorsal wall of abdomen, ventral to the kidneys, along the coiling of small intestine.



fig - Pigeon - spine

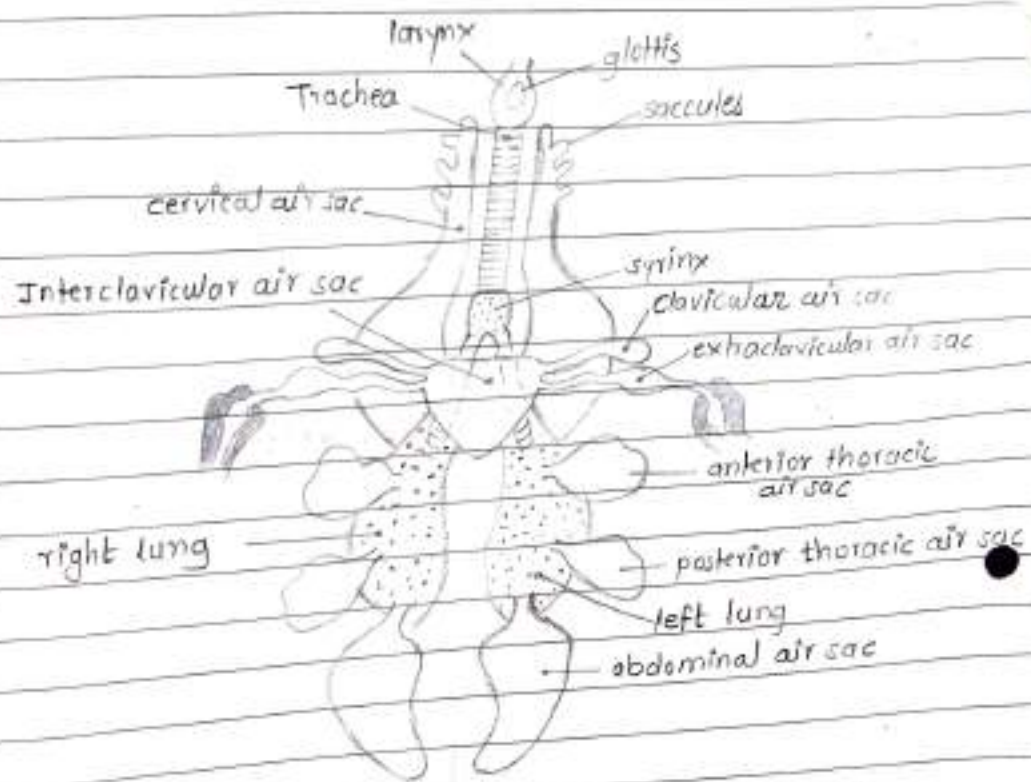


Fig. - Ventral view of Respiratory System in Pigeon.

Departmental Seminar

18/10/22

Heena Shaikh

12:15 pm } Oratory - Good
 12:35 pm } Comm. - English
 Total time 20 minutes } Continuity
 } Explanation -
 } Use of colour charts

Paper - IX Comp. Anatomy in Vertebrates
 Topic - Comparative anatomy of Res. System

* Definition →

* Respiratory Modes ← skin - Amphibians
Res. Organs.

* Embryonic development →

* Comparative Account of Lungs in Reptiles & Birds.

* Calotes

A Diagrams are drawn earlier - but excellent drawing

Board writing was expected

Dept. of Zoology.

Seminars of Students

18. Oct. 2022 ¹⁰⁴12:05 pm } 30 min
12:35 pm }Comparative account of "Anatomy of lungs
in Vertebrates"Ms. Heena Shaikh - BSc III Zoology.

1) Introduction - Good.

2) Board writing - Good.

3) Explanation - Good.

4) Diagrams - Best

5) Language - Best.

6) Need to write some words at the time of lecture.

7) Need to test previous knowledge of students.

Date
18/10/2022

Department of Zoology

Seminar of students

1) Miss Heena Ahmed Shaik Time: 12:15 - 12:35

Comparative Anatomy of Lungs

* Board writing - Excellent

* Diagrams - very nice, colour combination good.

* Explanation - English to English

- Good Introduction

- Development of lungs - Good explanation. (Week wise)

- Comparative account of lungs in Reptiles & Birds.

- Diagram - Excellent. Class - Reptilia

① Respiratory passage - Good Explanation

② Respiratory organs - "

- Diagram - Excellent class - Aves.

① Explanation good.

-

* Suggestion - Board writing while explanation.

* Confidently explained all the content.

Shri Shahu Shikshan Prasarak Seva Mandal's
Shri Vijaysinha Yadav College, Peth Vadgaon
Department of Zoology
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SHRI VIJAYSINHA YADAV COLLEGE, PETH VADGAON

Dept. of Zoology

2022-23 B. Sc. III - List of Field Projects

Students of B. Sc. III have completed following projects as per the syllabus of B. Sc. III prescribed by Shivaji University, Kolhapur. They were supervised by the faculty of department mentioned against them.

Sr. No.	Roll No.	Name of the Student	Name of Project	Name of Guide
1	1360 1354	Sayyad Jinat Shafik Mahabari Sujan Ayub	Study of Butterflies from Pethvadgaon	Dr. R. H. Atigre
2	1351 1355 1350	Chavan Priti Dattatray Maner Amina Naushad Babar Mayuri Hindurao	Assessment of water quality from Lotic and Lentic water bodies	Dr. A. S. Pawar
3	1356 1361	Momin Zinat Shakil Shaikh Heena Ahmad	Study on Life cycle of some economic important insect pests and their management from Peth Vadgaon region	Dr. S. V. Maske
4	1358 1352 1353	Patil Bapurao Tukaram Kamble Rajit Ravindra Kumbhar Omkar Anil	Murrah and Pandharpuri Buffalo farm - A Comparative study of expenses and income	Dr. R. H. Atigre
5	1359 1357	Sankpal Yogita Jagannath Patil Rajlaxmi Rajendra	Qualitative analysis of zooplanktons from Vishnu Lake, Talsande	Dr. S. V. Maske


Dr. Rajaram Hindurao Atigre
Head
Department of Zoology
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur

**"STUDY ON LIFE CYCLE OF SOME ECONOMIC
IMPORTANT INSECT PESTS AND THEIR MANAGEMENT
FROM PETH VADGAON REGION"**

**A Project Report Submitted To
SHIVAJI UNIVERSITY, KOLHAPUR**

For the partial fulfillment of

Bachelors Degree In

ZOOLOGY

By

sr. No.	Name of Student	Exam No.	
1.	Miss. Zinat Shakil Momin	1356	33857
2.	Miss. Heena Ahmad Shaikh	1361	33862

DEPARTMENT OF ZOOLOGY

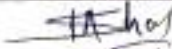
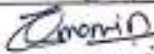
SHRI VIJAYSINHA YADAV COLLEGE, PETH VADGAON

DIST.KOLHAPUR

2022-2023

DECLARATION

We hereby declare that the present work in the form of project report entitle, "Study On Life Cycle Of Some Economic Important Insect Pests And Their Management From Peth Vadgaon Region". is an original work carried out by us under the guidance of Dr. R. H. Atigre. We also declare that this project report has not formed the basis for the award of any Degree/Diploma/ Associate ship/ Fellowship or other similar titled to any candidate in any University

Sl. No.	Name of student	Sign
1.	Heena Ahmad Shaikh	
2.	Zinat Shakil Momin	

Place: Peth Vadgaon

Date: 18/05/2023

CERTIFICATE


This is to certify that the project report entitled "Study On Life Cycle Of Some Economic Important Insect Pests And Their Management From Peth Vadgaon Region" submitted to the Shivaji university, Kolhapur, in partial fulfillment of the requirement for the award of the degree of Bachelor of Science in Zoology, is a record of original research work done by **Miss. Heena Ahmad Shaikh** and **Miss. Zinat Shakil Momin** under our supervision and guidance and the project report has not formed the basis for the award of any Degree/Diploma/ Associate ship/ Fellowship or other similar titled to any candidate in any University.

Place: Peth Vadgaon

Date: 18/05/2023


18/05/2023
Dr. R. H. Atigre

Guide


18/05/2023
Dr. R. H. Atigre
Head of Department
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur

Examiner 1:

Examiner 2:



22/5/23

ACKNOWLEDGMENT

We consider ourselves very fortunate to have worked under the inspiring guidance of **Dr. R. H. Atigre** who introduced us to this modern area of research. They allowed us the freedom and independence to pursue my own research ideas. Without his intellectual contribution this project would have been impossible to complete. They shared advice and editorial comments freely; and their broad perspective on the field of animal behavior has enriched my education. Their suggestions greatly improved my research, and their patience and understanding helped me through a busy last semester. Words are inadequate to express our thanks towards them.

We are also thankful to our principal, **Dr. V. R. Chavan**, for providing all the facilities to carry out this work. I am also thankful to **Dr. S. V. Maske** and **Dr. A. S. Pawar** for their support and guidance in the completion of the project. I am also thankful to **Shri Anil Ghabak**, Lab. Attendant for his all time help during the completion of the project. Our whole hearted thanks are also due to all those who have directly or indirectly contributed to the successful completion of this work.

ABSTRACT

The present investigation was aimed to record and to study life cycle of some economically important agricultural and store grain pests. From present study, total 5 economically important pests like *Papilio demoleus* (Swallow tailed citrus butterfly); *Helicoverpa armigera* (Cotton bollworm); *Spodoptera litura* (Tobacco cutworm); *Callosobruchus chinensis* (Pulse beetle) and *Corcyra cephalonica* (Rice meal moth) were identified and studied their life cycles. The period of lifecycles is variable among all these pests during study period. The biocontrol methods for these pests practiced in study area are also observed and included in this article.

KEY WORDS: Insect pests, life cycles, pest management, biocontrol.

INTRODUCTION

When an insect causes harm to humans, animals, crops or their properties then they are referred to as insect pests. In farming, if insect causes damage to a crop that is sufficient to reduce the yield and the quality of the harvested product which is unacceptable to the farmers then they are classified under insect pests.

Insect pests cause enormous loss through direct (causes damage directly to the harvested product) and indirect (as vectors of plant diseases) invasion on various plant parts. They cause significant damage to agricultural crops, agricultural products intended for human foods or animal feeds too. In addition to direct losses caused by insects to plant systems, fruits, and seeds, these biotic agents cause indirect losses because they leave important contaminants such as body parts or exoskeletons, insect eggs, and off-odours to the products.

There are more than six million species of insect although only 20-30% of these are important pests for major crops. The key for the proper insect pest management is to understand their biology and behaviour, the kinds of damage they do, and proper pest management which uses natural resources, protects the environment, and maximizes output in a sustainable way. The present study is a small effort for the same.

The history of pest management had led us to the current concept of integrated pest management (IM). According to Smith and Reynolds, 1966 IPM has been defined as a "pest management system that in the context of the associated

environment and population dynamics of the pest species, utilizes as suitable techniques and methods in as compatible a manner as possible, and maintains the pest population levels below those causing economic injury".

The first description of cultural controls was seen in the China and Yemen where the predatory ants were released in citrus grooves to control caterpillars and beetles. It was Linnaeus who first noted in 1752 that 'every insect has its predator which follows and destroys it'.

At first Chemical insecticides came to prominence as it gives persistence, low cost, virtually no plant damage, broad-spectrum activity and low acute mammalian toxicity. Due to this other methods of pest management lost their significance with success achieved with these impressive chemicals and hence the use of more biologically oriented approaches declined dramatically in 1914 and 1950s. This growing environmental concern, combined with the philosophy of integrated control provided opening for the more environmentally friendly approaches.

CAUSES OF PEST OUTBREAK:

Pests have been a chronic problem in agriculture since the beginning. It is said that today's serious pest problems are the direct consequence of actions taken to improve crop production. The causes of pest outbreak are as follows,

1. If concentration of a single plant species in agriculture is larger and more extensive monoculture.
2. High yielding crop cultivators provide improved conditions for pest colonization, spread and growth.

3. Reduction of natural enemies around crops.
4. Reduction in the interval between plantings of the same crop or overlap of crops (provides continuous resource to pests).
5. Accelerated movements of plant material around the world also increase the movement of pests as in the absence of their normal natural enemy complex or of environmental constraints.

OBJECTIVES:

- To study some economically important insect pests.
- To study life cycle (Biology) of these insect pests.
- To study the control measures for these pests.

MATERIAL AND METHOD

The pests are collected from different locations from Vadgaon and adjoining areas. The host plants are recorded for reference during identification. The pests are collected in any stage of the life cycle. The eggs and larvae are collected then they reared in the laboratory till the adult stage. The adults are identified using insect identification key and Google. The photographs were taken at each time. The surveys are conducted to study biocontrol methods.

Study Area -

Parvathnath Temple
श्री परशुराम
मठ



Udgaon

वाठार
तर्फ
उडगांव



Bhendavade
भेंडवडे

BHENDWADE
भेंडवडे

Udgaon
शेगाव

SR HOTEL
LATAWADE



ASHVANT
NAGAR
यशवंत नगर

Latwade
लाटवडे

Savarde
सावर्दे

Bhadole
भादोले

Latwade Rd

Minche
मिंचे

Hotel 7/12
Google

Peth Vadgaon
पेठ वडगांव

Vadgaon Rd

Adarsh Gurukul
Academy



Vadgaon

RESULTS AND DISCUSSIONS

We studied 5 major insect pests causing problems in Peth Vadgaon region. These pests are,

1. Papilio demoleus (Swallow tail citrus butterfly)
2. Helicoverpa armigera (Cotton bollworm)
3. Spodoptera litura (Tobacco cutworm)
4. Callosobruchus chinensis (Pulse beetle)
5. Corcyra cephalonica (Rice meal moth)

1. Papilio demoleus **(Swallow Tail Citrus Butterfly)**

Kingdom: Animalia (multicellular, capable of locomotion)

Phylum: Arthropoda (jointed appendages)

Class: Insecta (three pairs of legs and two pairs of wings)

Order: Lepidoptera (presence of scales on body and wings)

Family: Papilionidae

Genus: Papilio

Species: P. demoleus

Distribution: -

The lime butterfly is an economic pest on many cultivated citrus species in India, Pakistan, Iraq, and the Middle East.

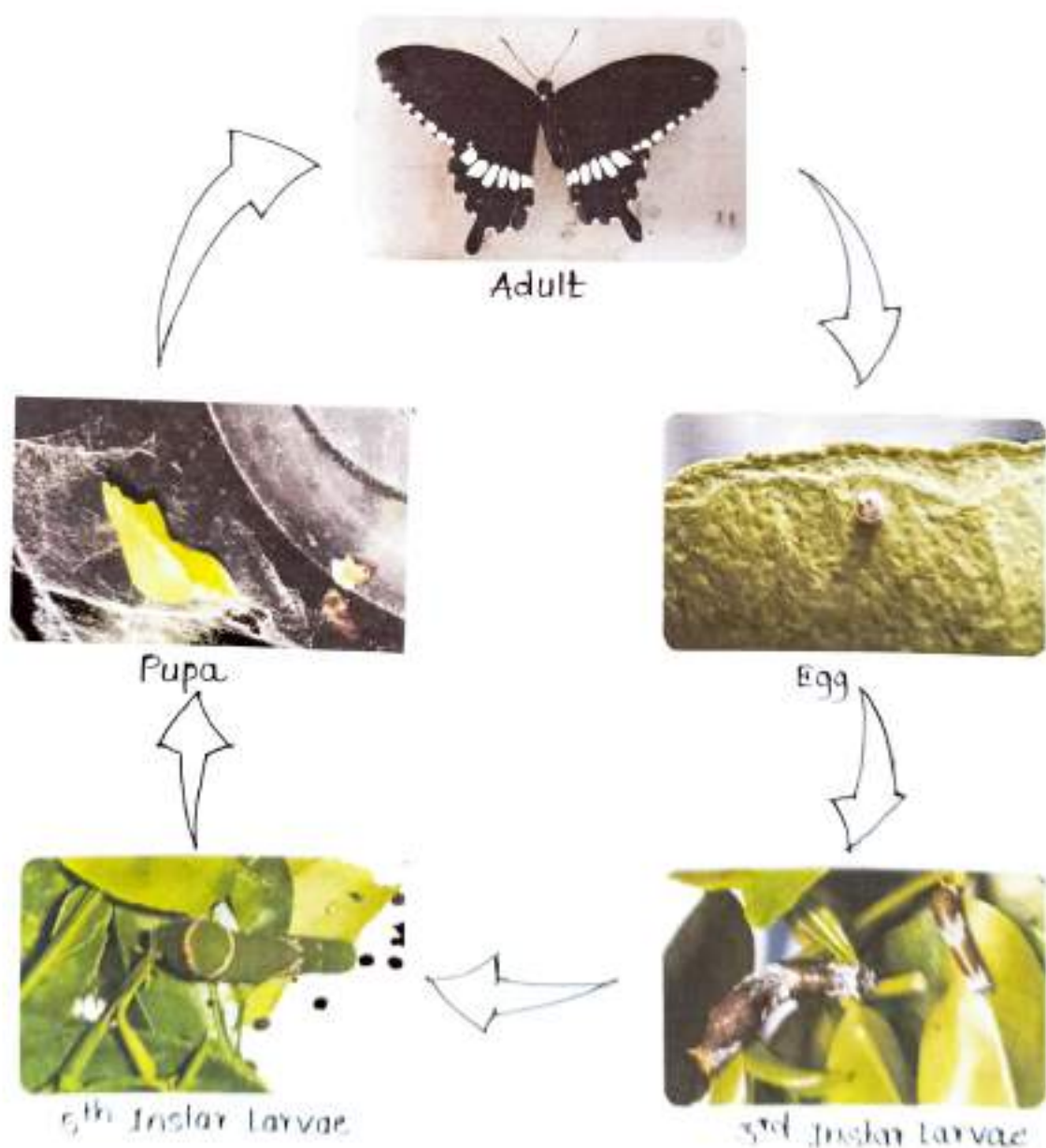
Papilio demoleus is a common and wide spread butterfly. It is also called as citrus or lime butterfly due its host plant. It belongs to order Lepidoptera under family Papilionidae. Its common host plants are all lime plants of citrus group causing very severe damage and have been reported all over India.

BIOLOGY:

Citrus butterflies are found throughout the year. Female lays eggs singly or in cluster on the inner surface of young leaf of citrus plant. These eggs are greenish white in colour and

become grey before hatching. The eggs hatch within 5-6 days and young larva comes out. The larva looks like the dropping of birds until the 4th instar.

Its larval period lasts for 10-12 days. After the fifth instar the larva becomes green and undergoes pupation. The pupal period lasts for about 12-14 days and the adult emerges after its pupation showing complete metamorphosis. Only the larval stage which feeds on the fresh young leaves causes severe damage to the citrus plants.



2. Helicoverpa armigera **(Cotton Boll Worm)**

Kingdom: Animalia (multicellular, capable of locomotion)

Phylum: Arthropoda (jointed appendages)

Class: Insecta (three pairs of legs and two pairs of wings)

Order: Lepidoptera (presence of scales on body and wings)

Super family: Noctuoidea

Family: Noctuidae

Genus: Helicoverpa

Species: H. armigera

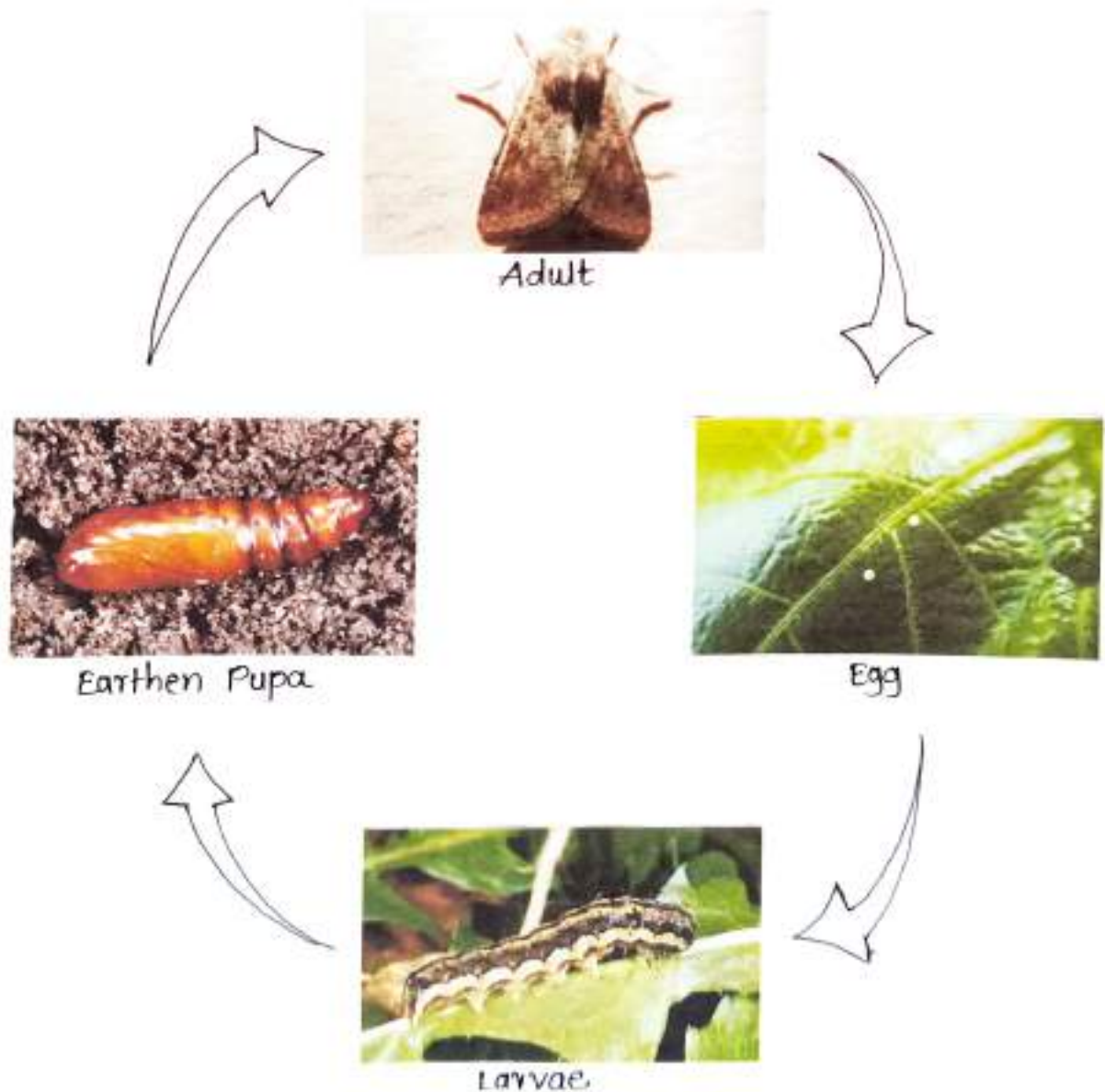
Distribution:-

This species comprises two sub-species: *Helicoverpa armigera armigera* is native and widespread in central and southern Europe, temperate Asia and Africa; *Helicoverpa armigera conferta* is native to Australia, and Oceania.

Cotton bollworm is a cosmopolitan and the most economically important pest in agriculture. It comes under order Lepidoptera under family Noctuidae. It infest nearly 200 species of crops so is called as polyphagous insect pest. The common host plants are tomato, sweet corn, cotton, gram, pea, etc.

BIOLOGY:

Cotton bollworm shows complete metamorphosis. The female lays yellowish eggs singly on the leaves which become brown before hatching. The eggs hatch within 4-5 days. The larva is pale green in colour showing five instar stages before pupating. It is about 25 - 28 days long. Its pupation takes place in a soil for 15 days before emergence of adult. In favourable condition the life cycle of cotton bollworm can be completed within a month. Here the larval stage is the most destructive as they are voracious feeders.



3. Spodoptera litura **(Tobacco Cutworm)**

Kingdom: Animalia (multicellular, capable of locomotion)

Phylum: Arthropoda (jointed appendages)

Class: Insecta (three pairs of legs and two pairs of wings)

Order: Lepidoptera (presence of scales on body and wings)

Super family: Noctuoidea

Family: Noctuidae

Genus: Spodoptera

Species: S. litura

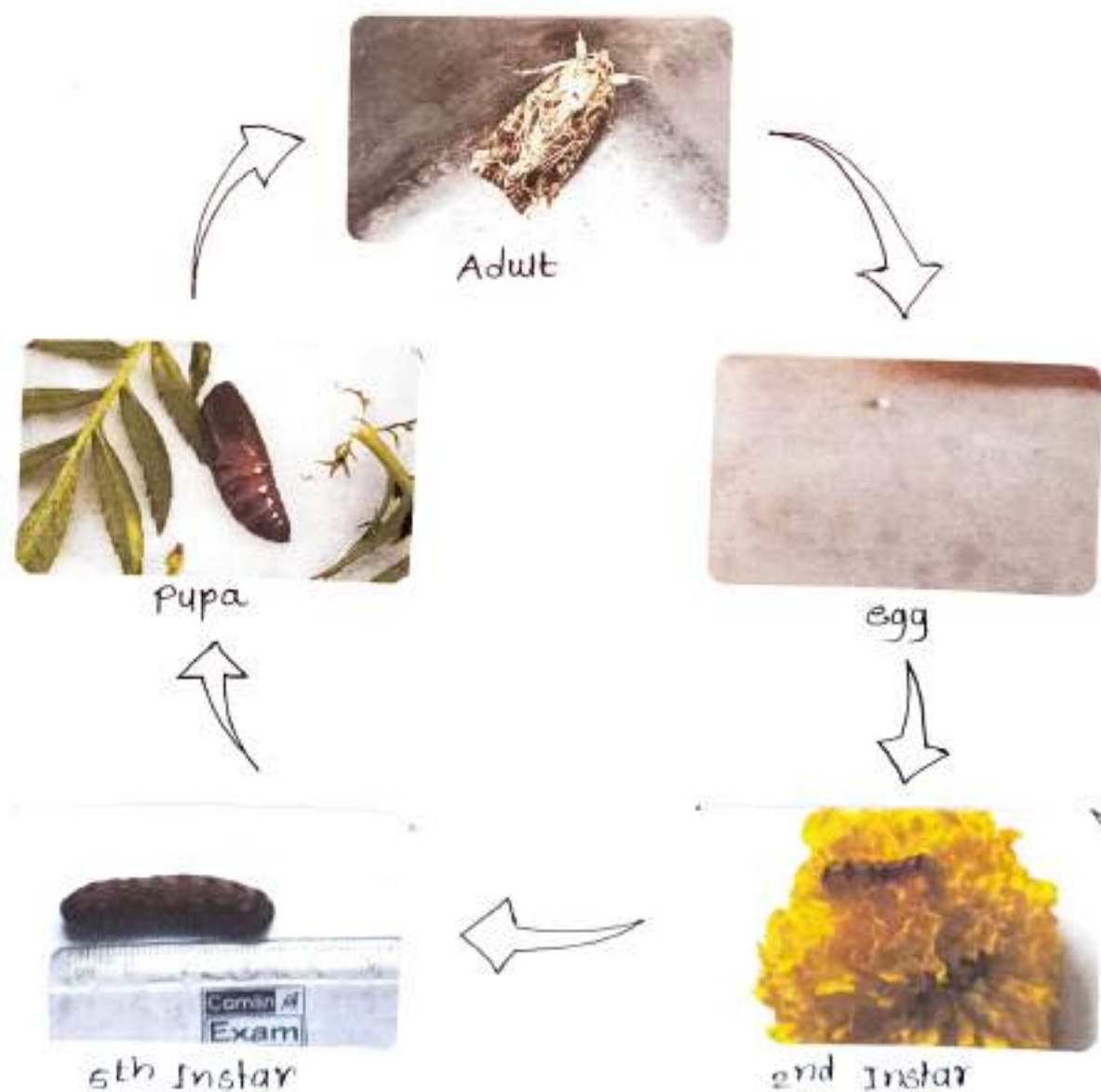
Distribution:-

The countries with the most widespread population of *S. litura* include but are not limited to China, Indonesia, India, Japan, and Malaysia.

Tobacco cutworm is polyphagous. It comes under order Lepidoptera under family Noctuidae. Its host plant range is about 112 species among which tobacco, cotton, soybeans, cabbage, beat, chickpea, etc are common hosts.

BIOLOGY:

Tobacco cutworm shows complete metamorphosis. The female lays yellowish orange coloured eggs on the leaves. The eggs hatch within 3-4 days after laying. The larval period lasts for 20-22 days. After six instars its pupation takes place within soil for 10-12 days. The adult is patterned with dark grey and brown colour. The larval stage is the most destructive as they are voracious feeders.



4. Callosobruchus chinensis **(Pulse Beetle)**

Kingdom: Animalia (multicellular, capable of locomotion)

Phylum: Arthropoda (jointed appendages)

Class: Insecta (three pairs of legs and two pairs of wings)

Order: Coleoptera (pair of elytra present)

Family: Chrysomelidae

Genus: Callosobruchus

Species: C. chinensis

Distribution:-

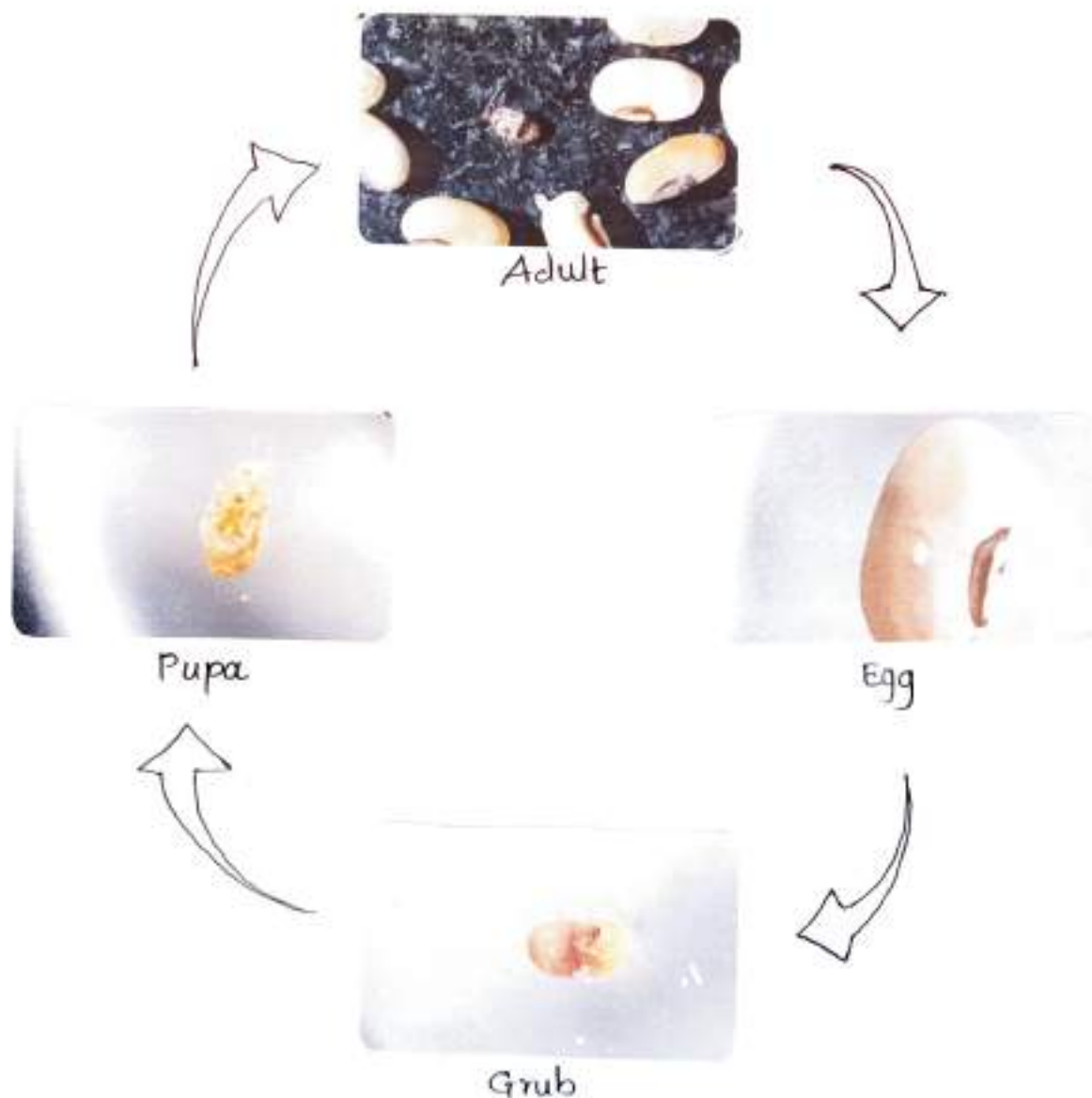
The beetle's natural ranges are in the tropics and subtropics of Asia, and their population has grown extensively since the cultivation and distribution of legumes.

They reach the height of egg production and legume infestation in July–August.

Pulse beetle is one of the most damaging stored grain insect pest. It belongs to order Coleoptera under family Chrysomelidae. Chickpea, black eyed peas, pigeon pea and cow pea, etc. are the common host plants.

BIOLOGY:

Female glue its eggs singly on the grain by secretion of ovipositor. The eggs are white in colour and hatch within 5-6 days. The grub is brown in colour. The grub bores through the seed and feeds itself on the kernel of the seed. Its larval period lasts for about 20 days. It undergoes pupation within a seed for about 6-7 days before becoming an adult. Grub is the most destructive stage in its whole life cycle.



5. Corcyra cephalonica (Rice Meal Moth)

Kingdom: Animalia (multicellular, capable of locomotion)

Phylum: Arthropoda (jointed appendages)

Class: Insecta (three pairs of legs and two pairs of wings)

Order: Lepidoptera (presence of scales on body and wings)

Family: Pyralidae

Genus: Corcyra

Species: C. cephalonica

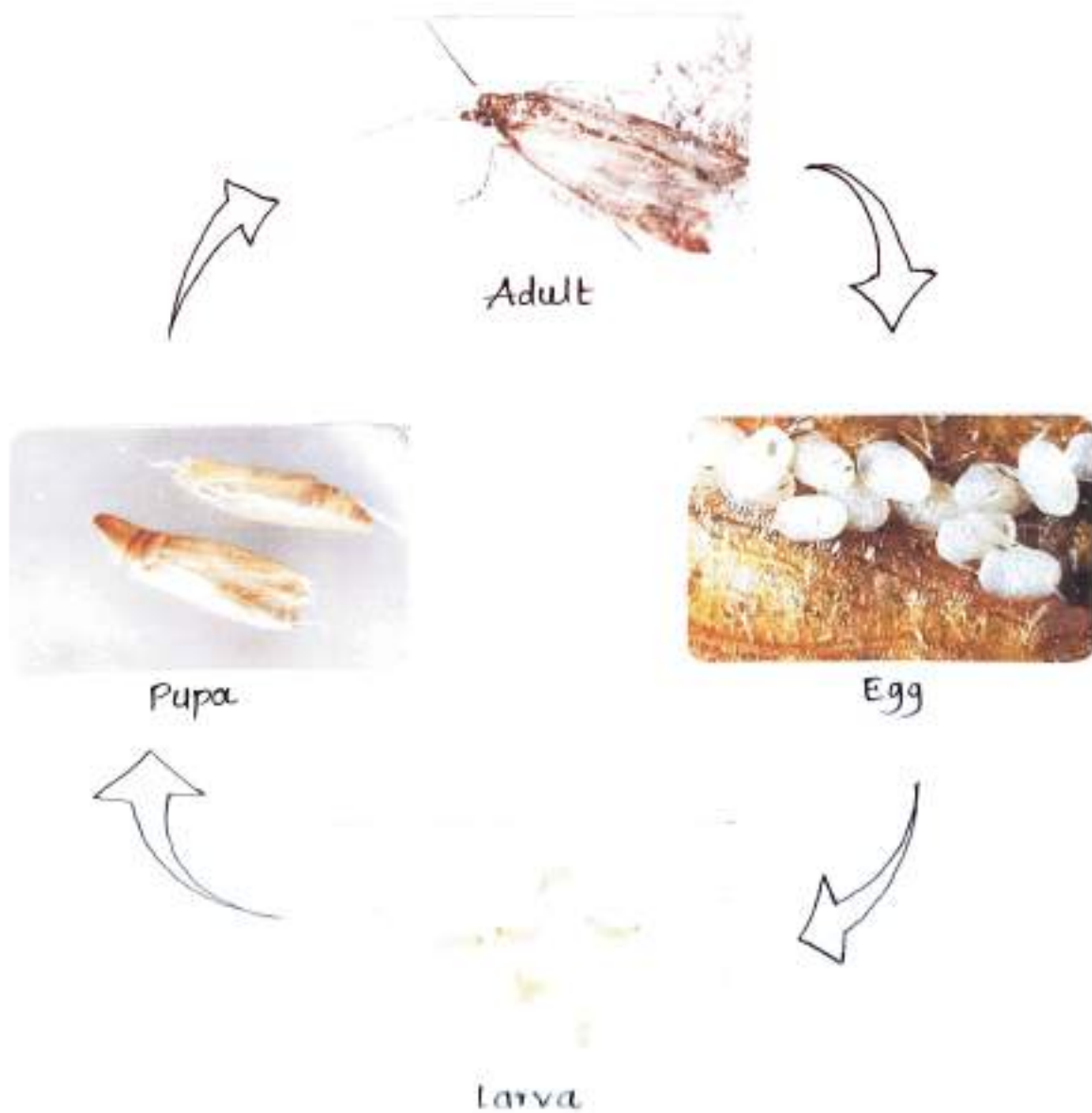
Distribution:-

Rice moth is the most common stored grain insect pest found all over the world i.e. Cosmopolitan in habitat. It comes under order Lepidoptera under family Pyralidae. Rice, jowar, oil seeds, nuts, dry fruits, and grain flour are the common hosts.

BIOLOGY:

It shows complete metamorphosis. Female lays 100-200 white eggs. The larvae feed on the grains forming dense webbing by spinning threads. It undergoes pupation for about 10-12 days. The adult is non-feeding and lives only for a week.

Only the larval stage is destructive. Their life cycle completes within a month. The few moths can lead to full blown infestation if left unattended.



INSECT CONTROL

Most people think that insects are pestiferous creatures and should be destroyed at all cost. But few people know the exact nature of damage they do. Even fewer people know the many acts of insects that are indispensable to man. Unfortunately, beneficial acts performed by insects are far outweighed by the tremendous amount of damage done by them.

Insect control in broad sense implies everything that makes life hard for insects, tends to kill them and prevents their increase or spread. In order to maximize food production, it is important to protect crops from insects. Therefore, to prevent the damage to agricultural, horticultural and forest products, and to protect the health of man and his domestic animals, insect control is crucial.

There are two methods of insect control namely,

1. Chemical Control Methods
2. Biological Control Methods

1. CHEMICAL CONTROL METHODS

Killing insects by using insecticides is called chemical control. It is the most extensively used method at present.

- **Contact poisons:**

These constitute those toxicants which kills the insects on coming in direct contact with them.

a) DDT (Dichlorodiphenyltrichloroethane)

b) BHC (Hexachlorobenzene)

These chemicals are most commonly used by local farmers. If they are used in small amount they are beneficial but hazardous in large doses. It can cause diseases like diabetes, Alzheimer, asthma, Parkinson's disease and number of cancers in human beings.

2.BIOCONTROL METHODS FOR PEST MANAGEMENT:

Biological control or biocontrol is a method of controlling pest by using other organisms and environmentally beneficial methods. Here the pests are controlled by ordinary farm practices in appropriate time so that the insects are eliminated or reduced. Some of the methods are:

1. Oencyrtus sp. Is the parasitoid of the eggs of citrus butterfly and Bracon hebetor (minute wasp) is the parasitoid of larva of citrus butterfly.

2. Bracon hebetor (minute wasp) is the key parasitoid or the most common polyphagous larval ecto- parasitoid. It paralysis moving larvae by injecting paralytic Venom and then it oviposits its number of eggs near the paralyzed host.



3. For the vegetable insect pests, the deep ploughing of farm during April - May will facilitate the exposure of the pupae to high temperature and thus destroy them.

4. Sowing of castor 15 days before near the main crop of the field attracts female for laying eggs. After 15 days the eggs laid leaves are removed.

5. To create jaggery barn baits by mixing jaggery, rice barn and insecticide in water and kept placed to place in the farm. This will attract insects and kill them.

6. Spraying of 1-2% Neem Seed Kernel Suspension (NSKS) on 3-4 weeks old crop. This reduces the number of insect pests as Neem has insecticidal property.

7. Properly sun dried grains and then storing them in the fumigated room with insect repellent reduces infestation on stored grains.

8. Spraying of insect repellent on stored grain bags also helps in the pest management.

CONCLUSION

We studied life cycle and control measures of these five insect pests:

1. *Papilio demoleus* (Swallow tail citrus butterfly)
2. *Helicoverpa armigera* (Cotton bollworm)
3. *Spodoptera litura* (Tobacco cutworm)
4. *Callosobruchus chinensis* (Pulse beetle)
5. *Corcyra cephalonica* (Rice meal moth)

The life cycle of each insect pest was completed in following days:

INSECT PESTS	DAYS
1. <i>Papilio demoleus</i>	32
2. <i>Helicoverpa armigera</i>	45
3. <i>Spodoptera litura</i>	38
4. <i>Callosobruchus chinensis</i>	32
5. <i>Corcyra cephalonica</i>	28

These are the pests of following different crop plants:

INSECT PESTS	HOST PLANTS
1. <i>Papilio demoleus</i>	All lime plants of citrus group
2. <i>Helicoverpa armigera</i>	Tomato, sweet corn, gram, pea, etc.
3. <i>Spodoptera litura</i>	Tobacco, marigold, cotton and cabbage, soybeans, beet, etc.
4. <i>Callosobruchus chinensis</i>	Chickpea, pigeon pea, cow pea, black eyed peas, etc.
5. <i>Corcyra cephalonica</i>	Rice, jowar, nuts, dry fruits, grains, oil seeds, grain flour, etc.

These Pests can be controlled with following control measures:

1. Chemical Control:	a) DDT
	b) BHC
2. Biological Control:	a) Parasitoid
	c) Neem Seed Kernel Suspension
	d) Sun dried method
	e) Use of insect repellent on grain bags
	f) Jaggery Barn Baits

REFERENCES

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Farid Asif Shaheen, Muhammad Waseem Akram, Muhammad Aamir Rashid, Muhammad Nadeem, Muhammad Saeed, Murced Husain and Khalid Mehmood (2016). Biological control of pulse beetle *Callosobruchus chinensis* L. (Bruchidae: Coleoptera) in stored chickpea grains using entomopathogenic fungus *Beauveria bassiana* Balsamo *Journal of Entomology and Zoology Studies* 2016; 4(4): 1076-1083

Garcia-Lara S. and S.O. Serna Saldivar, (2016). Insect pests. *Encyclopedia of food and Health.* 432-436.

Golnaz Balipoor, Ahmad Reza Ommani (2014). Biological control of *Helicoverpa armigera* (*Heliothis armigera*) (Hübner) in tomato farms of Ahwaz township by Braconidae. *International Journal of Biosciences* Vol. 5, No. 12, p. 433-438.


Roy HE, Cottrell TE. (2008). Forgotten natural enemies: interactions between coccinellids and insect-parasitic fungi. *Eur. J Entomol.* 2008; 105:391-398.

Shri Shahu Shikshan Prasarak Seva Mandal's
Shri Vijaysinha Yadav College, Peth Vadgaon
Department of Zoology
Student Centric Methods – 2022-23

The department of zoology is conducting different student centric activities for all over progression of the students. The activities like seminars, research projects, Zoology corner-Annual question series in Zoology, poster presentation sessions, article writing, guest lectures, and study tours, etc. are conducted for the students. The main objective to conduct these activities is to develop research attitude, presentation skills and personality of the students.

In Academic year 2022-23, the activities like seminars of students, research projects, Online Quiz, Guest lectures and Study tours were conducted. After conducting each activity counselling drive is run to discuss the do's and don'ts for these activities with the students. The teachers from the department explain the students about their positive things as well as drawbacks in each activity. This guidance motivates the students for their overall development. The students get benefit of these activities in finding jobs, in higher education such as M. Sc., Ph. D. as well as for the preparation of competitive exams.

Sr. No.	Name of activity	Date	Outcome
1	Career Guidance lecture	07-10-2022	Instrumentation and career in Zoology
2	Online Quiz on Kahoot	19-10-2022	Opportunities in Phlebotomy technology
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(Dr. Rajaram H. Aigré)
Head
Department of Zoology
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur

Activity report 2022-23

Celebration of Wildlife Week 2022 - Kahoot Quiz

Name of Activity-	Kahoot Quiz
Date and Time of activity conducted-	19-10-2022
Target Group-	B. Sc. I & II Students
Number of participants:	75
Name of Organizer-	Department of Zoology
Resource persons-	Kahoot.com

Detailed Report-

Dept. of Zoology organized a Quiz competition on '**Kahoot Platform**' to celebrate **Wildlife week - 2022** on Wednesday, 19 October 2022 at 10.00 am. The students of B. Sc. I & II were registered in the morning. Total **08 Kahoot** were run on **kahoot.com** with the rajan6340@rediffmail.com login & 75 students of B. Sc. I & II with 13 teachers of College took part in this Kahoot quiz. **Each Kahoot of 10 questions for 15 students were played in the first round.** The winners of these 5 kahoot were honoured with a prize. **In the second round 2 kahoot were played for 8 & 7 students respectively and 6 winners were selected. Then in the final round 1 kahoot was played to select 03 final winners. These winners were felicitated by giving a diary and rose flower as a prize by the auspicious hands of Principal Dr. Vijaya Chavan.** All the 11 students of B. Sc. III Zoology worked as volunteers for this function. The function was monitored by Dr. R. H. Atigre, Dr. S. V. Maske and Dr. A. S. Pawar. The participants delighted with great enjoyment and knowledge.



Registration of students'



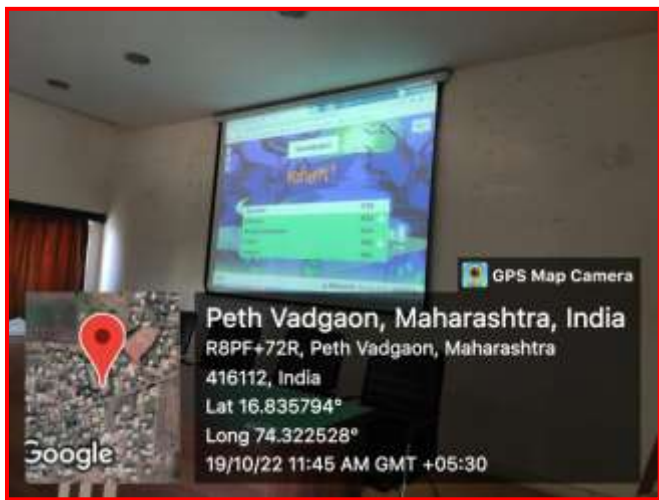
Participants



Competitors on hot seat



Competitors names on screen



Scorecard of Competitors



Preface of Prize distribution



Prize to Winner by the hands of Hon. Principal



Participants feedback



Volunteers - B. Sc. III Zoology students

Shri Shahu Shikshan Prasarak Seva Mandal's
Shri Vijaysinha Yadav College, Peth Vadgaon
Department of Zoology

Celebration of Wildlife Week - 2022

Kahoot Quiz and Guest Lecture

Program Schedule - Wednesday, 19-10-2022

- | | |
|---|---------------------|
| 1. Registration | - 10.00 to 11.00 am |
| 2. Kahoot for students | - 11.00 to 12.30 pm |
| 3. Kahoot for Teachers | - 12.30 to 01.00 pm |
| 4. Guest Lecture and Prize Distribution | - 01.00 to 02.00 pm |

Venue - Seminar Hall
 Organizer - Dept. of Zoology

Table Program - Guest Lecture and Prize Distribution.
 (01.00 pm to 02.00 pm)

- | | |
|---------------------------------|------------------------------------|
| > Inauguration (Watering plant) | - Hon. Principal Dr. Vijaya Chavan |
| > Welcome & Preface | - Dr. Rajaram Atigre |
| > Chief Guest's Address | - Dr. Vijaya Chavan |
| > Prize Distribution | - Dr. Vijaya Chavan |
| > Vote of Thanks | - Dr. Suryakant Maske |

Master of Ceremony - Miss Zinat Momin & Miss Heena Shaikh
 Result Announcement - Dr. Aishwarya Pawar

Venue - Seminar Hall
 Organizer - Dept. of Zoology

(Signature)
 Head
 Department of Zoology
 Shri. Vijaysinha Yadav College
 Peth Vadgaon, Dist. Kolhapur.

Schedule & Table program of function

Shri Shahu Shikshan Prasarak Seva Mandal's
Shri Vijaysinha Yadav College, Peth Vadgaon
Department of Zoology

Celebration of Wildlife Week - 2022

Kahoot Quiz and Guest Lecture - 19-10-2022

Registration of Students for Quiz

Sr. No.	Name of the Students	Class	Roll No.
✓1	Shradha Sunil Desavale	B.Sc.I	779
✓2	Sejal Jadhvi Jaysing Kamble	B.Sc.I	753
3	snehal mahesh Pawar	B.Sc.I	810
4	shreysha mahesh nilaje	B.Sc.I	805
✓5	Sonika Sanjay Patil	B.Sc-I	769
✓6	Vaishnavi Vinayakchaugale	BSc-I	798
✓7	Pratik Pralap Kannekar	BSc-II	1045
✓8	Prajogt Khandarav Bhanvade	BSc-II	1040
✓9	Sujal Prabhul Parit	BSc-II	1098
✓10	Sadik Shakil Shaik	BSc-II	1097
✓11	Ayman Javed Mulla	BSc II	1072
✓12	Dipti Dadaso Suryavashi	BSc II	1079
✓13	Ankita Pradiprao Patil	BSc II	1075
✓14	Vaibhavi Amar Patil	BSc II	1077
✓15	Amruta Rajendra Patil	BSc II	1074
✓16	Kshiti Kija Hanakumar Ghugare	BSc II	1090
✓17	Sanchita Ramesh Chavan	BSc II	
✓18	Kalyani Depak Chavan Yadav	BSc II	1082
✓19	Vaishnavi Vijay Chavan	BSc II	1069
✓20	Shradha Ravaso Mane	BSc II	1051
✓21	Vasudha Dattkrath Khade	BSc II	-
✓22	Sakshi Prakash Patil	BSc II	1073
✓23	Saniya Jakir Chugale	BSc II	1038

(Signature)
 Head
 Department of Zoology
 Shri. Vijaysinha Yadav College
 Peth Vadgaon, Dist. Kolhapur.

List of registered participants

19-10-2022

Registration of Students for Quiz

Sr. No.	Name of the Students	Class	Roll No.
24	Prachi Maruti kurnde	BSc II	1044
25	Amisha Memik Dabhade	BSc II	1039
26	Pratiksha Sunil Powar	BSc II	1081
27	Divya manshi gh mane	BSc II	1048
28	Reshma Baban shinde	BSc II	1063
29	Pooja nandkumar Gurav	BSc II	-
30	Vaisharani Baj arang jadhav	BSc II	-
31	Apurva Amol Sankpal	BSc II	
32	Kavita Jayappa Koli	BSc II	
33	Sayali Uttam Patil	BSc II	
34	Sakshi lingappa pathare	BSc II	762
35	Amruta Sanjay Bhandari	BSc II	1036
36	Vaibhavi Sunil Ghadge	BSc II	
37	Ankita shahaji Bhandari	BSc I	742
38	Angha e Anil Patil	BSc I	646
39	Sanika Santosh Patil	BSc I	770
40	Amruta maruti chopade	BSc I	744
41	Kajal Vijay Patil	BSc I	766
42	Anuja ^{hannaman} Anil Powar	BSc I	791
43	Tejswini Popal Powar	BSc I	792
44	Archana dhodiram Patil	BSc I	734
45	Samiksha kundlik Patil	BSc I	779
46	Samiya salim mujavar	BSc II	1053
47	hasmat harun shigave	BSc II	1062
48	harshvardan Patil	BSc I	806
49	Sahil Sandip tetalgade	BSc I	914
50	Satyprakash mane	BSc I	803
51	Sunij Sainjali Patil	BSc II	1055
52	Shreyash Ravindra shete	BSc II	
53	Rohit Dinkar Patil	BSc II	1058

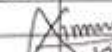

Head
Department of Zoology
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur

List of registered participants

19-10-2022

Registration of Students for Quiz

Sr. No.	Name of the Students	Class	Roll No.
54	Pavan Arvind Patil	BSc I	807
55	Shruti Vinayak Patil	BSc II	
56	Rushali Pradip Falke	BSc II	
57	Pranadnya Pratap suryavijay	BSc II	
58	Prachi Sanjay Powar	BSc II	
59	Pratik Kadam	BSc I	
60	Adity Patil	BSc I	785
61	Sushant Shinde	BSc II	
62	Sangram Patil	BSc II	
63	Prasad Chugule	BSc II	
64	Kashinath Thomare	BSc II	
65	Sayali Khot	BSc I	726
66	Vinod Babar	BSc II	1002
67	Prmod Yadav	BSc I	716
68	Samarth Chavan	BSc I	783
69	Pranali Vakse	BSc II	
70	Anuja Relekar	BSc I	811
71	Vaishnavi Vijay Jadhav	BSc I	750
72	Sayali Patil	BSc I	790
73	Sakshi Shelar	BSc I	812
74	Arati Hirve	BSc I	780
75	Joti Shinde Jyoti	BSc I	799
76			
77			
78			
79			
80			



Head
Department of Zoology
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur

List of registered participants

Date of report: 20-10-2022


Head
Department of Zoology
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur





Principal
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

Shri Shahu Shikshan Prasarak Seva Mandal's
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(Dr. Rajaram H. Augre)
Head
Department of Zoology
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur

Activity report 2022-23

Career Guidance Lecture – Instrumentation and Career in Zoology

Name of Activity- Career Guidance lecture on 'Instrumentation and career in Zoology'

Date and Time of activity conducted-07-10-2022

Target Group- B. Sc. II & III (Zoology, Micro) Students

Number of participants: 53

Name of Organizer- Department of Zoology

Resource persons-

Mr. Shubham Chougule, Sr. Associate, TUV Nord India Pvt. Ltd. Pune

Detailed Report-

Dept. of Zoology organized a lecture on 'Instrumentation and career in Zoology' on Friday, 07 October 2022 at 02.00 pm. **Mr. Shubham Chougule, Sr. associate, TUV Nord India Pvt. Ltd., Pune** was the resource persons for this lecture. Mr. Shubham talked on the **concept of instrumentation and the career opportunities in Zoology**. He explained the importance of the knowledge that the students must acquire during their graduation. He delivered a nice lecture on the **use of different types of instruments**. The students must **work for different projects in addition to their regular theory and practicals - he added**. Dr. R. H. Atigre, Head Dept. of Zoology, Welcomed him & gave preface. Vote of thanks was given by Dr. S. V. Maske. Total 53 students of B. Sc. II, III (Zoology, Microbiology) with staff of Zoology & Microbiology were present for this lecture.





Students present for Lecture

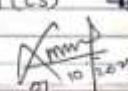
Zoology Career Guidance Lecture		
7-10-2022		
Good Luck Friends		
Date		
Sr	Name	Class
1	Apila Manikhar Lakhande	4 th TY
2	Anika Ramchandra Shinde	4 th TY
3	Anshul Parash Chougale	4 th TY
4	Dakshin Amar Dabhol	4 th TY
5	Mukha Datta Tambe	4 th TY
6	Tarunini Vijay Patil	4 th TY
7	Kabir Anil Chougale	4 th TY
8	Harsha Nandkumar Patil	4 th TY
9	Prachi Manikhar Lakhande	4 th TY
10	Saniya Zakir Chougale	5 th Y
11	Sonika Shivaji Patil	5 th Y
12	Rensuta Sanjay Phandari	5 th Y
13	Sakshi Mahavir Patil	5 th Y
14	Rashmi Anand Shinde	5 th Y
15	Pooja Nandkumar Gurav	5 th Y
16	Varsharani Bajirang Jadhav	5 th Y
17	Saniya Sajidali Mujawar	5 th Y


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 Department of Zoology
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 Peth Vadgaon, Dist. Kolhapur.

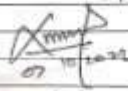
Zoology Career Guidance Lecture		
7-10-2022		
Good Luck Friends		
Date		
Sr	Name	Class
1	Kshitija Nandkumar Ghugare	B.Sc II
2	Sanchita Ramesh Chavan	B.Sc II
3	Jinat Shafiq Sogad	B.Sc III
4	Sujan Anub Mahabadi	B.Sc III
5	Mana A. Shastri	B.Sc III
6	Zinat S. Manan	B.Sc II
7	Saniya Salim Mujawar	B.Sc II
8	Kamnat Harun Chougale	B.Sc II
9	Musali Pandit Mahe	B.Sc II
10	Shradha Ravate Mane	B.Sc II
11	Anishka Anil Patil	B.Sc II
12	Dhruv Manoj Manu	B.Sc II


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Zoology Career Guidance Lecture		
7-10-2022		
Good Luck Friends		
Date		
Sr	Name	Class
1	Shruuti, K. Chavan	B.Sc III (Micro)
2	Rajlaxmi R. Patil	B.Sc III (Zoo)
3	Vaishnavi A. Babar	B.Sc III (Micro)
4	Priyanka D. Kamble	B.Sc III (Micro)
5	Vaishnavi V. Chavan	B.Sc II (Micro)
6	Kalyani D. Yadav	B.Sc II (Micro)
7	Pratima M. Chavan	B.Sc II (Micro)
8	Aishwarya A. Khadake	B.Sc II (Micro)
9	Sainjal B. Patil	B.Sc II (Zoo)
10	Prachi S. Pawar	B.Sc II (CS)
11	Shruti V. Patil	B.Sc II (CS)
12	Vrushali P. Phalke	B.Sc II (CS)


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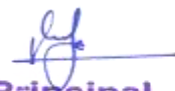
Zoology Career Guidance Lecture		
7-10-2022		
Good Luck Friends		
Date		
Sr	Name	Class
1	Sushant S. Kadam	B.Sc Micro III
2	Ronak K. Padel	B.Sc Micro III
3	Yash A. Chougale	B.Sc Micro III
4	Pooja S. Mahavir	B.Sc Micro III
5	Anushka P. Wankar	B.Sc Micro II
6	Neelam P. Khatke	B.Sc Micro II
7	Rajrat K. Dhanwade	B.Sc II
8	Pravali A. Pawar	B.Sc II
9	Sujeet S. Patil	B.Sc II
10	Aniket V. Patil	B.Sc II
11	Ankur A. Kumbhar	B.Sc III
12	Patil Bapurav Tadekar	Zoo III


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Date of report: 07-10-2022


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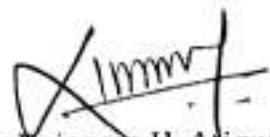

 Principal
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Shri Shahu Shikshan Prasarak Seva Mandal's
Shri Vijaysinha Yadav College, Peth Vadgaon
Department of Zoology
Student Centric Methods - 2022-23

The department of zoology is conducting different student centric activities for all over progression of the students. The activities like seminars, research projects, Zoology corner-Annual question series in Zoology, poster presentation sessions, article writing, guest lectures, and study tours, etc. are conducted for the students. The main objective to conduct these activities is to develop research attitude, presentation skills and personality of the students.

In Academic year 2022-23, the activities like seminars of students, research projects, Online Quiz, Guest lectures and Study tours were conducted. After conducting each activity counselling drive is run to discuss the do's and don'ts for these activities with the students. The teachers from the department explain the students about their positive things as well as drawbacks in each activity. This guidance motivates the students for their overall development. The students get benefit of these activities in finding jobs, in higher education such as M. Sc., Ph. D. as well as for the preparation of competitive exams.

Sr. No.	Name of activity	Date	Outcome
1	Career Guidance lecture	07-10-2022	Instrumentation and career in Zoology
2	Online Quiz on Kahoot	19-10-2022	Opportunities in Phlebotomy technology
3	Seminars of the students	October- November 2022	Explanation methods, Referencing skill, Stage daring in the students
✓	Study tours	February-March 2023	Field knowledge of the subject
5	Research Projects	September 2022 to May 2023	Research attitude, Reference searching, report writing skills


(Dr. Rajaram H. Atigre)
Head
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Shri Shahu Shikshan Prasarak Seva Mandal's
Shri Vijaysinha Yadav College, Peth Vadgaon
Department of Zoology

Student Centric Methods – Study tours (2022-23)


Study tours for the students - Department organized following study tours for the students in the academic year 2022-23

- a. Study tour for B. Sc. III was organized at Goa to visit Bondla wildlife sanctuary, National Science center, Indian council of agricultural research campus and other sites to study biodiversity as well as applied aspects related Zoology. Total 10 students and 02 teachers participated in this tour.



- b. Study tour for B. Sc. II was organized at Mahabaleshwar, Dapoli Krushi Vidyapeeth and Harane Port. Total 31 students and 05 teachers participated in this tour. The students observed various fishes at Harane port, Insect museum, and Animal husbandry unit at Dapoli and Apiculture centre at Mahabaleshwar.
- c. Study tour for B. Sc. I was organized at Pavankhind, Panhala and Kolhapur to visit Rankala Lake. Total 39 students and 04 teachers participated in this tour. The students observed various birds at Rankala.




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Department of Zoology
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4	Study tours	February-March 2023	Field knowledge of the subject
5	Research Projects	September 2022 to May 2023	Research attitude, Reference searching, report writing skills
6	Zoology corner- Annual question series in Zoology	September 2022 to March 2023	Referencing skill, Answer writing skill, presentation on paper


(Dr. Rajaram H. Attgre)
Head
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Shri. Vijaysinha Yadav College
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Shri Shahu Shikshan Prasarak Seva Mandal's
Shri Vijaysinha Yadav College,
Peth Vadgaon

Department of Zoology

Zoology Corner = 2022-23

Question Asked to Students

- Q.1. Write protocol for organ transplantation in humans.
- Q.2. What is Amniocentesis? Explain the process in detail.
- Q.3. What is Erythroblastosis foetalis? Explain in detail.
- Q.4. What is the process of blood transfusion?
- Q.5. Give the amazing characters of -
 - a. Phrynosoma
 - b. Firefly
- Q.6. What is apoptosis? Explain the pathway involved in apoptosis.
- Q.7. Explain the process of Gene cloning.


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Shri Vijaysinha Yadav College, Peth Vadgaon
Department of Zoology

Zoology Corner - 'Annual Question Series in Zoology' 2022-23

Zoology Corner - Department of Zoology has started a scheme from academic year 2014-15 for the students entitled, "Zoology Corner". Current 2022-23 year is ninth consecutive year of this programme. Under this scheme 'Annual Question Series in Zoology' is run by the department to increase interest in the students and to inculcate reading and referencing skills. Every week one question related to syllabus in Zoology is displayed on the notice board. The students search the answer in different sources of literature and submit their answer in written to the department. Most correct answers are selected in order of merit. Most consistent student throughout the year is honoured with a trophy, certificate and cash prize.

In the Academic year 2022-23 total 7 questions were asked under this scheme. Students submitted the answers as follows.

Sr./Q. No.	Question	No. Of Answers
1	Write protocol for organ transplantation in Human.	28
2	What is Amniocentesis? Explain the process of Amniocentesis in detail.	43
3	What is Erythroblastosis foetalis? Explain in detail.	30
4	What is the process of Blood transfusion?	39
5	Give the amazing characters of – a) Phrynosoma b) Firefly	31
6	What is apoptosis? Explain the pathway involved in Apoptosis.	19
7	Explain the process of Gene cloning.	15

The answers submitted by the students were checked by the departmental faculty and winners were selected as follows.

Sr./Q. No.	First	Second	Third
1	Ms. Divya Sunil Jagtap (B. Sc. I)	Ms. Pranali Anil Koli (B. Sc. I)	Ms. Shreyesha Mahesh Nilaje (B. Sc. I)
2	Ms. Swati Balaso Jadhav (B. Sc. I)	Ms. Pooja Amol Teware (B. Sc. I)	Ms. Aditi Indrajit Kerlekar (B. Sc. I)
3	Ms. Sharvari Sudheer Vathare (B. Sc. I)	Ms. Sakshi Santosh Parit (B. Sc. I)	Ms. Shraddha Sunil Desavle (B. Sc. I)
4	Ms. Shraddha Sunil Desavle (B. Sc. I)	Ms. Sejal Jaysing Kamble (B. Sc. I)	Ms. Zinat Shakil Momin (B. Sc. III)
5	Ms. Pranjal Shivaji Patil (B. Sc. I)	Ms. Rutuja Rajendra Patil (B. Sc. I)	Ms. Vaishnavi Vishvas Bhosle (B. Sc. I)
6	Ms. Heena Ahmad Shaikh (B. Sc. III)	Ms. Pranjal Shivaji Patil (B. Sc. I)	Miss Priti Dattatraya Chavan (B. Sc. III)
7	Ms. Swati Balaso Jadhav (B. Sc. I)	Ms. Jinat S. Sayyad (B. Sc. III)	Mr. Kumbhar Omkar Anil (B. Sc. III)

The score sheet for most consistent student was prepared as follows.

Sr. No.	Name of the student	Correct Answers	Total marks	Rank
1	Ms. Swati Balaso Jadhav (B. Sc. I)	2 (10) 7 (10)	20	First
2	Ms. Pranjal Shivaji Patil (B. Sc. I)	5 (10) 6 (09)	19	Second
3	Ms. Shraddha Sunil Desavle (B. Sc. I)	4 (10) 3 (08)	18	Third

Ms. Swati Balaso Jadhav (B. Sc. I) is selected as most consistent student to give best answers of maximum questions for the **Zoology Corner - 'Annual Question Series in Zoology'** for the academic year 2022-23.


(Dr. Rajaram H. Atigre)

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Peth Vadgaon, Dist. Kolhapur

Swati Balaso Tadhav

class - B.sc - I

Roll No - 748

Date - 15/10/2022

Q.2) What is amniocentesis? explain the process?

Ans i) Amniocentesis is a test you may be offered during pregnancy to check if your baby has a genetic or chromosomal condition, such as Down's Syndrome, Edwards' Syndrome or Patau's Syndrome it involves removing and testing a small sample of cells from amniotic fluid that surrounds the baby in the womb (uterus).

ii) Amniocentesis is a diagnostic procedure undergone during pregnancy. It is most commonly used to check the baby's chromosomes.

iii) Amniocentesis is performed occasionally to examine diseases during pregnancy such as infections or genetic disorder. The procedure is done by taking out the amniotic fluid. We do not usually need a local anaesthetic.

iv) The foetus is surrounded by the amniotic fluid. We do not usually need a local anaesthetic. The cells and substance present in the amniotic fluid provide important information about the baby's health before birth.

v) The amniocentesis is performed to check :-

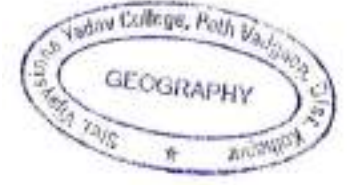
- If the karyotype (the chromosomes) of the baby is (are) normal.
 - If there is evidence that the baby might have had an infection.
 - If there is evidence of a neural tube defect (Spina bifida or open spine).
 - If the lungs of the baby are ready to breathe.
- vii) Amniocentesis follows the following procedure:
- 1) The patient is made to lie down on the table and asked to place the hands behind the head.
 - 2) The blood pressure, heart rate and breathing rate are checked.
 - 3) An utl ultra Sound is performed to scan the heart rate of the foetus position of the placenta Fetous, Umbilical cord and locate the pocket of amniotic fluid.
 - 4) The abdomen is cleansed with an antiseptic and is injected with anaesthesia.
 - 5) A long, thin, hollow needle is inserted into the uterus to collect the amniotic fluid.
 - 6) The collected fluid is placed in a light protector container.
 - 7) The heart rate of the foetus and the patient are reassessed.
 - 8) The collected fluid is sent to the laboratory for examination.
- viii) Injuries to the baby by the needle are exceedingly rare now since the procedure is done under ultrasound guidance.
- viii) Risks of miscarriage still exist but have also come down significantly.
- ix) This is the reason why we clean the skin very carefully before inserting the needle.

x) Occasionally a baby might also die after a normal amniocentesis due to unexplained reasons.

xi) complication of the amniocentesis are rare but in order to be on the safe side, one can follow the following precautions.

- No lifting kids or groceries
- No aerobic classes
- No jogging
- No intercourse
- Strenuous activity.

• xii) Amniocentesis had been banned in India in 1994, under the Diagnostic Techniques Act.



Shri Vijaysinha Yadav College, Peth Vadgaon

Department of Geography

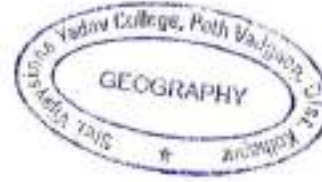
Projects: 2022-23

Sr. No.	Roll No.	Name of the Student	Name of Guide	Title of Project	Remark
1	603	/Belekar Samruddhi Jitendra	Dr. B. S. Jadhav	पेठ वडगावच्या व्यावसायिक प्रारूपाचे भौगोलिक परीक्षण	
			Dr. D. J. Bhandare	महाराष्ट्रातील महानगरे व त्यांच्या कार्यानुसार वर्गीकरण	
			Prof. Dr. M. A. Patil	महाराष्ट्र कर्नाटक सीमावाद	
2	604	Gorivale Ankush Shamrao	Dr. B. S. Jadhav	मौजे शिगाव च्या आर्थिक व सामाजिक स्थिती वरील वारणा नदीच्या प्रभावाचा भौगोलिक अभ्यास	
			Dr. D. J. Bhandare	जगातील खाणकामानंतर बनलेल्या भुताटकीच्या शहरांचा अभ्यास	
			Prof. Dr. M. A. Patil	महाराष्ट्रातील महाविकास आघाडी सरकारच्या कार्याचा आढावा	
3	605	Jadhav Amey Ashok	Dr. B. S. Jadhav	मौजे बागणी गावाच्या पिक प्रारूपाचा अभ्यास	
			Dr. D. J. Bhandare	कोल्हापूरमधील सी. बी. डी. ठिकाणांचा अभ्यास	
			Prof. Dr. M. A. Patil	भारतीय राज्यघटनेची माहिती	
4	606	/Jadhav Jyoti Ganpati	Dr. B. S. Jadhav	मौजे टोप गावाच्या खाणीचा पर्यावरणीय अभ्यास	
			Dr. D. J. Bhandare	कोल्हापूरमधील सी. बी. डी. ठिकाणांचा अभ्यास	
			Prof. Dr. M. A. Patil	शिवसेना पक्षाचा इतिहास	
5	607	/Jamdar Pranoti Anil	Dr. B. S. Jadhav	भादोले गावाच्या महिलांची आर्थिक स्थिती	

			Dr. D. J. Bhandare	महाराष्ट्रातील महानगरे व त्यांच्या कार्यानुसार वर्गीकरण	
			Prof. Dr. M. A. Patil	भादोले गावातील ग्रामपंचायतीचा इतिहास	
6	608	/Jangam Shrutika Balaso	Dr. B. S. Jadhav	सावर्डे गावाच्या महिलांची आर्थिक स्थिती	
			Dr. D. J. Bhandare	बेंगलोर शहरातील नागरी समस्या व त्यावरील उपाययोजना	
			Prof. Dr. M. A. Patil	काँग्रेस पक्षाचा इतिहास	
7	609	/Kadam Aishwarya Ashok	Dr. B. S. Jadhav	पेठ वडगावच्या व्यावसायिक प्रारूपाचे भौगोलिक परीक्षण	
			Dr. D. J. Bhandare	भारतातील प्रमुख शहरे व त्यांच्या समस्यांचा अभ्यास	
			Prof. Dr. M. A. Patil	राजू शेटी यांच्या कार्याचा अभ्यास	
8	610	Kawade Vishal Vijay	Dr. B. S. Jadhav	पेठ वडगाव निमशहरी वसाहतीच्या व्यावसायिक लोकसंख्या रचनेचा भौगोलिक अभ्यास	
			Dr. D. J. Bhandare	जगातील खाणकामानंतर बनलेल्या भुताटकीच्या शहरांचा अभ्यास	
			Prof. Dr. M. A. Patil	रशिया युक्रेन युद्धाचे परिणाम	
9	611	Khade Pratikraj Maruti	Dr. B. S. Jadhav	मौजे अंबपवाडी मधील उपाययोजनांचा अभ्यास	
			Dr. D. J. Bhandare	भारतातील शहरांचे कार्यानुसार वर्गीकरण	
			Prof. Dr. M. A. Patil	भारत-चीन संबंध	
10	612	Mane Shubham Dilip	Dr. B. S. Jadhav	पेठ वडगाव मधील पर्यटन स्थळांचा अभ्यास	
			Dr. D. J. Bhandare	कोल्हापूरमधील सी. बी. डी. ठिकाणांचा अभ्यास	
			Prof. Dr. M. A. Patil	राष्ट्रवादी काँग्रेस पक्ष: राजकीय अभ्यास	
11	613	/Momin Sabiha Inaytulla	Dr. B. S. Jadhav	वाठार तर्फे वडगाव च्या विकासातील राष्ट्रीय महामार्ग क्र. ४ ची भूमिका	
			Dr. D. J. Bhandare	वडगाव नगरातील घन कचरा समस्या एक भौगोलिक अभ्यास	
			Prof. Dr. M. A. Patil	पाकिस्तान राजकारणाचा अभ्यास	
12	614	Musale Dhanaji Balaso	Dr. B. S. Jadhav	मौजे शिगाव च्या आर्थिक व सामाजिक स्थिती वरील वारणा नदीच्या प्रभावाचा भौगोलिक अभ्यास	

			Dr. D. J. Bhandare	पेठ वडगावातील मृदा प्रदूषणाचा अभ्यास	
			Prof. Dr. M. A. Patil	आनंद दिघे जीवन परिचय	
13	615	Musale Santaji Balaso	Dr. B. S. Jadhav	पेठ वडगाव मधील पर्यटन स्थळांचा अभ्यास	
			Dr. D. J. Bhandare	पेठ वडगावातील मृदा प्रदूषणाचा अभ्यास	
			Prof. Dr. M. A. Patil	बाळ केशव ठाकरे यांचा जीवन परिचय	
14	616	Patil Shubham Sharad	Dr. B. S. Jadhav	पेठ वडगाव निमशहरी वसाहतीच्या व्यावसायिक लोकसंख्या रचनेचा भौगोलिक अभ्यास	
			Dr. D. J. Bhandare	कोल्हापूरमधील सी. बी. डी. ठिकाणांचा अभ्यास	
			Prof. Dr. M. A. Patil	भारतीय राज्यघटनेची माहिती	
15	617	/Patil Jyoti Jalindar	Dr. B. S. Jadhav	मौजे बागणी गावाच्या पिक प्रारूपाचा अभ्यास	
			Dr. D. J. Bhandare	मुंबई महापालिकेतील समस्या व उपाययोजना	
			Prof. Dr. M. A. Patil	ईशान्य भारतातील राजकीय परिस्थिती	
16	618	/Patil Amruta Vitthal	Dr. B. S. Jadhav	मौजे लाटवडे गावच्या आर्थिक परिणामाचा कृषीचा अभ्यास	
			Dr. D. J. Bhandare	भारतातील प्रमुख शहरे व त्यांच्या समस्यांचा अभ्यास	
			Prof. Dr. M. A. Patil	चांदोली धरणग्रस्तांच्या समस्या	
17	619	/Powar Tejaswini Sanjay	Dr. B. S. Jadhav	सावर्डे गावाच्या महिलांची आर्थिक स्थिती	
			Dr. D. J. Bhandare	बेंगलोर शहरातील नागरी समस्या व त्यावरील उपाययोजना	
			Prof. Dr. M. A. Patil	भारत बांगलादेश पाणी वाटप समस्या	
18	620	/Sagare Tejashri Sachin	Dr. B. S. Jadhav	वाठार तर्फे वडगाव च्या विकासातील राष्ट्रीय महामार्ग क्र. ४ ची भूमिका	
			Dr. D. J. Bhandare	वडगाव नगरातील घन कचरा समस्या एक भौगोलिक अभ्यास	
			Prof. Dr. M. A. Patil	लोकसभेतील महिला नेतृत्वाचा अभ्यास	

19	638	Kumbhar Rushikesh Laxman	Dr. B. S. Jadhav	मौजे अंबपवाडी मधील उपाययोजनांचा अभ्यास	
			Dr. D. J. Bhandare	पेठ वडगावातील मृदा प्रदूषणाचा अभ्यास	
			Prof. Dr. M. A. Patil	भारत चीन सीमावाद	
20	639	/Kurane Tejaswini Sachin	Dr. B. S. Jadhav	मौजे टोप गावाच्या खाणीचा पर्यावरणीय अभ्यास	
			Dr. D. J. Bhandare	पेठ वडगावातील मृदा प्रदूषणाचा अभ्यास	
			Prof. Dr. M. A. Patil	भारतीय राज्यघटना	
21	-	All Students	Dr. D. J. Bhandare	कसबा वडगावमधील सायलेन्स झोनच्या ध्वनिप्रदूषणाचा अभ्यास	



Padhas
Head
 Department of Geography
 Shri. Vijaysinha Yadav College
 Poth Vadgaon, Dist. Kolhapur.

श्री शाहू शिक्षण प्रसारक सेवा
मंडळ पेठ वडगाव

श्री विजयसिंह थापव महाविद्यालय
पेठ वडगाव

भूगोलशास्त्र विभाग

बी ए भाग :- 3

पेपर क्र :- 10

प्रकल्प अहवाल - झायोले भावचे
मदित्वाची अर्थिक स्थिती

अभ्यासक :-

नाव :- जामदार प्रतीती अनिता

रोल नंबर :- 607

मार्गदर्शक :-

डा. बी. एस. जाधव (सर)

शैक्षणिक वर्ष :- 2022 - 2023

प्रेरणा निर्देश

शिवाजी विद्यापीठ, कीर्लपूर. बी. ए. भागा
 भूगोलशास्त्र विषयाच्या पेपर क्र. 10 माझीच
 अभ्यास श्री विजयासिंह यादव कला व विज्ञान
 महाविद्यालय, पेठ वडगांव भूगोल शास्त्र विषयात
 मी शिकून असून आमच्या प्राध्यापकांच्या सहाय्याने
 पेठ वडगांव निमूणहरी वसाहतीच्या व्यावसायिक
 लोकांच्या स्तंभेचा भौगोलिक अभ्यास हा
 विषयावर अभ्यास करून ब्रह्मान करव्याचे
 योजले, व त्यानुसार याचे नियोजन करून हेतूचे
 मागे देऊन त्या अंर्धी महिती मिळवली.

आपला विश्वासू

प्रतीती अनिल आमदार

Roll No 607

अनुक्रमिका

१] प्रस्तावना

२] अभ्यास क्षेत्र

३] अभ्यासचे महत्त्व

४] उद्दिष्टे

५] अभ्यास पध्दती आणि महिती संकलन

६] आदोले वावाच शैबेबिक स्थान

७] ग्रहणनिर्देक

प्रस्तावना

वे शतक हे भारतीय स्त्रियांच्या अर्थिक सामाजिक व राजकीय जीवनातील होणाऱ्या फार मोठ्या क्रांतीचा साक्षीदार आहे. कारण ज्या शतकाच्या पूर्वार्धापर्यंत भारतातील स्त्री ही बऱ्याच बाबतीसाठी उपेक्षणीय बोलणी होती तसेच तिला स्वतःच्या घरी दुर्यम पद्धतीची वागणूक मिळायची याला समाजातील रूढी, प्रथा, परंपरा, स्त्री ही फक्त उपभोगाचे साधन आहे.

आदोलेली महिला अर्थव्यवस्थेत विशेषत विकसनशील आहेत. ते शेती, ग्रामीण उपक्रम आणि घरगुती उत्पन्नामध्ये महत्त्वपूर्ण योगदान देतात. तरीही त्यांची अर्थिक स्थिती त्यांच्या पुरुष समकक्ष आणि काही महिलांच्या तुलनेत कमी असते. महिलांना अनेकदा अर्थिक सहभागसाठी अनेक उडवळ्यांचा सामना करावा लागतो. ज्यात शिक्षण आणि प्रशिक्षणाचा मर्यादित प्रवेश जमीन आणि मालमत्तेवर मालकी आणि नियंत्रणाचा अभाव, क्रेडिट आणि अर्थिक सेवांवर मर्यादित प्रवेश, अपेक्षावर्ण आर्थिक आणि सामाजिक नियम आणि बाजारपेठ आणि पायझूत सुविधांमध्ये मर्यादित प्रवेश यांचा समावेश होता. या आव्हानांना तोंड देणे आणि ग्रामीण महिलांच्या अर्थिक सहसमीकरणाला चालना देणे ही केवळ सामाजिक न्यायाचीच नाही तर राष्ट्रवै अर्थिक वाढ आणि दारिद्र्य निर्मूलनासाठी महत्त्वाची आहे. ग्रामीण महिलांचे सहसमीकरण केल्याने सुधारित अन्न सुरक्षा समावेशक आणि लवचिक ग्रामीण अर्थव्यवस्था होऊ शकते.

१.१ अभ्यास क्षेत्र

पृथ्वीच्या कोणत्याही प्रदेशाचा सामाजिक अर्थिक अडथळी किंवा आवर्णात विकास हे त्या क्षेत्राच्या भौगोलिक वैशिष्ट्यांच्या अटीत असते जर अर्थिक दृष्ट्या विचार केला तर आदिवासी महिलांचा अर्थव्यवस्थेत विशेषतः विकसनशील आहेत.

महिलांची अर्थिक, सामाजिक व राजकीय जीवनातील होणाऱ्या फरकांमधील माध्यम आहे. त्यामध्य महिलांची अर्थिक स्थितीसाठी महिला कोणता क्षेत्र आहे हे महत्त्वाची आहे.

१.२ संशोधन समस्यांचे सूत्र

आदिवासी गावाच्या महिलांची अर्थिक स्थिती स्थितीचा भौगोलिक दर्जा आणि त्यांचे प्रमाणातील सहभाग या बाबत संशोधनची करणीची गरज आहे. सामाजिक जमनी आहे. तिच्या अर्थिक सहभागाने

स्थिती, अर्थिक स्थितीचे अवलोकन करणे हे गरजेचे आहे. स्थितीचे लक्षात घेऊन आहे. जे की, अर्थिक प्रगतीला बाधा ठरत आहेत. अशा समस्यांचे निराकरण करणे त्यांची प्रगती करणे. कळवी गरज आहे. या अनुषंगाने आदिवासी महिलांचा भौगोलिक दर्जा, व प्रमाणातील सहभागाने अर्थिक विश्लेषण करणे आवश्यक आहे.

9.3 अभ्यासचे महत्त्व

i] विविध व्यक्तींमधील स्त्रियांच्या सहभाग दरात आलेल्या बदलाचा अभ्यास.

ii] महिलांची अर्थिक स्थिती आणि सामाजिक स्थितीचा आढावा.

iii] महिलांचा सबलीकरण.

iv] स्त्रियांची शैक्षणिक विकास

v] स्त्रियांची काम करणाऱ्याची पध्दत

vi] महिला विकास धोरणापासून दूर राहिलेल्या कुलक्षित पुरूषांचा अभ्यास करणाऱ्या संशोधकाचा मुख्य हेतू आहे.

9.4 उद्दिष्ट

i] अभ्यास क्षेत्रातील मादीने गावाच्या महिलांचा अर्थिक व सांख्यिक स्थिती अभ्यास करणे.

9.5 अभ्यास पध्दती आणि माहिती संकलन
कोल्हपुर जिल्ह्यातील मादीने गावाचा अभ्यास हा प्रथम प्राथमिक व दुय्यम माहितीवर आधारित आहे. जो मुख्यतः क्षेत्र निरीक्षण आणि दुय्यम स्रोतांद्वारे गोळा केला आहे. संकलित माहिती विविध सांख्यिकीय पध्दती आणि तार्किक प्रक्रियांच्या मदतीने आरणीबद्ध केला. असून त्याद्वारे निष्कर्ष काढले आहेत. अदर अशाधनात बदलाचा दर, वाढ अंतर्गत संबंध आणि

प्रयोगशाळा मूल्यांच्या अहवालंही उ. बाबू करव्यात
आणि आहेत. नकाराणास्त्रीय तंत्रे योग्य ठिकाणी
वापरली आहेत. नकल, आणि आकृत्या विविध महिलांचे
चित्रण करतात आणि अहवालाच्या कामासाठी त्यांचा उपयोग
शुद्धीकरणास समर्थनार्थ आवश्यक असलेले तसे कार्य
पद्धतीचा तफ्तील संबंधित विषयांमध्ये चर्चिला
आहे.

References :-

मुकादम पाटील 2009, स्त्री रोजगार व रोजगार अंधी
मराठवाडा अंड भाग 2 पृष्ठ क्र-100.

Dr. Neeta Anand 2003, Working Women lessy and
Problems

www.census.in

www.nahded.nic.

2.9 भादीले गावाचे भौगोलिक स्थान

भादीले गाव हातकटांबेले तहसील (कोल्हापूर जिल्हा) मधील एक महत्त्वाचे गाव आहे. जे तहसील आणि जिल्हायुक्त्या उत्तरेला आहे. भादीले गाव पेठ वडगाव (वडगाव कुसवा) च्या पूर्वेस 25 किमी आणि हातकटांबेले तहसील मुख्यालयापासून 10 किमी उत्तर - पश्चिमेस आहे. $18^{\circ} 50' 50''$ उत्तर अक्षांश आणि $73^{\circ} 20' 33''$ पूर्व रेखांश दरम्यान आहे. भादीले हे सुमारे 400 किमी क्षेत्र व्यापले. आणि 2003 च्या जनगणनेनुसार एकूण लोकसंख्या 11273 होती लोकसंख्येची घनता पहला. व्यक्ती प्रति वर्ग किमी आहे.

२५

सुपूण्ड स्थाना -

पुढकीच्या कोठ्याही प्रदेशाच्या आभजिक अर्थिक अडवडवडा किंवा आर्वणीण विकास हे त्या क्षेत्राच्या भौगोलिक वैशिष्ट्यांच्या आधीन असते. अर प्रकती हाटकांनी विकासात परवानगी दिली तर आठी तसच विकास शक्य होती आदीले वाव हे कोल्हूर जिल्हातील पूर्वेकडील लखल सुभागाच्या एक भाग आहे. आठी कोल्हूर जिल्हाच्या पूर्व भाग दख्खन पठाराच्या एक भाग म्हळून ओळखला जातो असे हे स्थान समूहद मातीची उपलुब्धता दर्शवते.

अभ्यास क्षेत्राची सरासरी बुंची समुद्र सपाटी पासून ५५५ .०१ मीटर आहे. क्माळ आठी किमान बुंची आदीले वावाच्या दक्षिण-पश्चिम आठी ईकास्य वावून पाहावयास मिळते. जी समुद्र सपाटी पासून अनुक्रमे असतात.

२.२. हवामान

आदीले वावातील हवामान मीसमी प्रकारचे असून अशा हवामान स्थितीत प्रमुख तीन महू असतात. असे कि बुन्हाळा, पाकस आठी हिवाळा. बुन्हाळी महू मार्च ते जून, पावसाळा जुलै ते ऑक्टोबरमध्ये आठी हिवाळा महू नोव्हेंबर ते फेब्रुवारी दरम्यान असतो. एप्रिल आठी मे मध्ये क्माळ तापमान (सरासरी ३६.५°C) आठी किमान सरासरी तापमान २०.०°C असते. सरासरी पाकस सुमारे ७५५ मिमी आहे.

२.३ अनुप्रवाही

आदीले वावाची अनुनिरधारण व्यवस्था आर्थिक किंवाट नाही कारण अभ्यास क्षेत्राने भौगोलिक क्षेत्र फारच कमी व्यापले आहे. त्यामुळे, वाळा नदीचा फारच कमी प्रवाह

मृदा :-

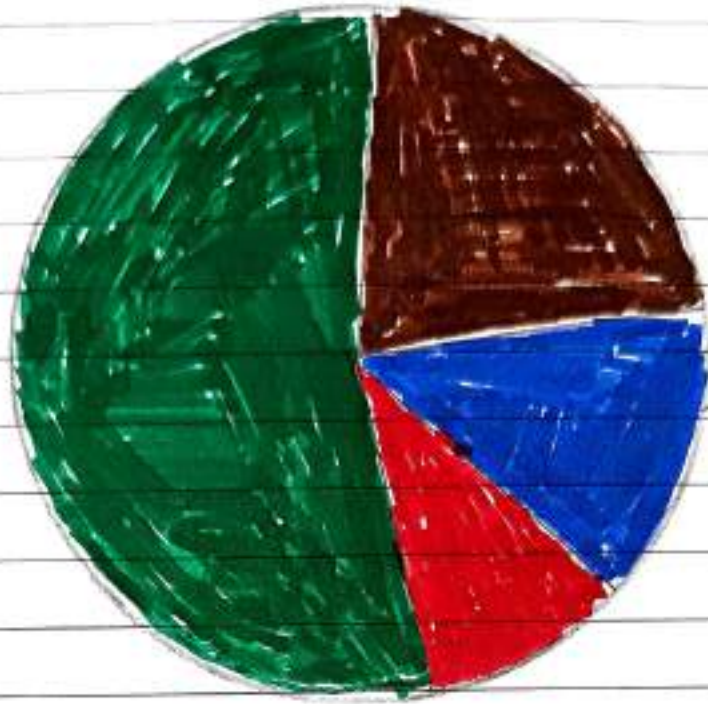
जेती हा अभ्यास मुख्य व्यक्ताय असून जेती ही मातीच्या प्रकार व स्वरूपावर आधारित आहे. अभ्यास क्षेत्रातील मातीच्या विविध प्रकाराचा अभ्यास करतानाचा प्रश्न केला गेला मृदेचे वर्गीकरण दोन प्रकाराने केले आहे. या मृदा प्रकाराने बाबाची काळी मृदा आणि वाळाची काळी जाड मृदा समावेश होते. वाळा खोल्यात बाबाची मृदा आढळून येते.

वनस्पती

अधिकतमते मादीने गावाचे वनाखालील कोठारेही प्रकारचे क्षेत्र नोंदवले गेले नाही. परंतु वाळा नदीच्या उजव्या तीरावर, ओडांच्या बाजूने मुख्यत्वे रस्त्याच्या दोन्ही बाजूनी आणि बहुतांशी लागवडीच्यातील जमिनीच्या सीमेवर तसेच पठिक जमिनीच्या काही भागात वनस्पतीच्या काही प्रजाती दिखून येतात.

भूमी उपयोजन

कोठत्याही क्षेत्राच्या विकासाने जमीन आणि जलस्रोत महत्त्वाची भूमिका बजावतात. प्रदेशातील जमीन आणि जलस्रोतांचा योग्य वापर केल्यास विकासाची अपेक्षित पातळी गाठण्यात मदत होते.



घरकाम ✓



शिवठाकाम



बचत गट



इतर

धरकाम :-

धरकाम या अंशेत सुमारे 34 प्रकारच्या कामांचा समावेश केला जातो. त्याचबरोबर धरकामचि स्वरूप हे सर्वत्र एकसारखे दिसून येत नाही. त्यामध्ये स्थल, काल, जाती, वर्ग, अर्थिक व राजकीय सत्ता इत्यादीनुसार बंध घडून येत आहेत. चौदाव्या शतकामध्ये म्हणजेच औद्योगिक रण सुक होण्यापूर्वी श्रद्धिणी धरतील कामांबरोबरच वेगवेगळी पेये बनविणे, कुकरपाकन करणे अशा वेगवेगळ्या प्रकारची कामे करत होती.

धरकाम हे विनावेतन असते. तर त्याच कामाला धराबाहेर अर्थिक मोबदला दिला जातो. म्हणून बाहेर केलेले काम हे 'काम' या वर्गवारीमध्ये वाढले जाते. बहुसंख्या स्त्रिया धरकामगार म्हणून काम करताना दिसतात.

बचत गट :-

महिलां केवल घरकाम करू पाकते. अस्य काय नाही. घरकामबरोबर अनेक छोट मोठा व्यवसाय धरान बसून करतात. त्यापैकी एक म्हणजेच महिला बचत गट. बचत गट हा एक सामाजिक-अर्थिक उपक्रम आहे. ही प्रक्रिया अंधत्वापणे एकमेकांना समजून घेत होत असल्याने या बचत गटा स्वयंसेवा गट असेही संबोधले जाते. गटाला काहीतरी विशिष्ट नाव ठेवले जाते.

उदा:- जातूनी बचत गट, सुस्मिता बचत गट. बचत गट म्हणजे ठराविक काळाने बचत जमा करणाऱ्यांच्या निमित्ताने एकत्र येणारा गट होय. हा नाबाईचा सूक्ष्म वित्त पुर्वव्याचा जगातील सर्वात मोठा कार्यक्रम आहे.

शादीचे बावान एकाच महिला बचत आहे. या मद्या एक बचत गटता एकाच 10, 15, 20 असे महिलांची संख्या असते. त्यातून रोजगाराच्या अंधी निर्माण होती. बचत गटांच्या माध्यमातून महिलांचे व्यवस्थापन होला. मानवीय आडवलात बुनवणूक आणि महिलांचे क्षमता संवर्धन करून, याप्रमाणे महिलांना अर्थिक आणि सामाजिक दृष्ट्या स्वयं करणे तसेच त्यांना महिलांना अर्थिक आडवला मिळना.

शिवण काम करणारा महिला.

रिथाया घरकामबरोबरच धरानली अर्थिक रिती सुधारणे यासाठी शिवण काम सारखा

महिलांचे अधिक सक्षमीकरण

भारतातील ग्रामीण भागातील बहुसंख्य महिला दरकामात बुतलेल्या आहेत. कोणत्याही व्यक्तीला समाजामध्ये मधुर मधून जबाब्याचे असेल तर अधिक स्वावलंबन आवश्यक आहे. स्त्रीयांच्या अधिक बाबत मार्केस म्हणतात, की "उत्कांतीच्या टप्पावरून पुढे असून असताना आणि गंधी अवस्थेतून सांस्कृतिक आवस्थेपर्यंत येताना उत्पादन साधने विकसित होत गेली.

त्यानंतर आजही मानुमला ही संकल्पना फुट झाली. आणि संपत्तीवरील इतर एक पुरुषांकडे गेले. एन्जेल्स म्हणतो, की "जसजशी संपत्ती वाढली तसतसा पुरुषांचा कौटुंबिक आणि सामाजिक दर्जा स्त्रीयांच्या तुलनेत उंचावला. यानून स्त्रीच्या लेखी दृश्यम दर्जा प्राप्त झाला. वरील संदर्भांनुसार वेतनासंबंधी अभाव, स्वयंरोजगार अर्थसहाय्याचा अभाव, विना वेतन काम व बेरोजगारी कुटीर उद्योगात मालकी एक नाही. अशा अनेक कारणांमुळे स्त्रीचे अधिक स्थान पुरुषांपेक्षा दृश्यम राहिलेले दिसते. महिलांना स्वयंरोजगाराच्या अंधी उपलब्ध करून देऊन अधिक दृष्ट्या महिला सक्षमीकरण करणे हा या प्रक्रियेचा उपदेश आहे. महिलांना अधिक अधिकार मिळवून देणे, उत्पादन प्रक्रियेत सहभागी करून देणे या गोष्टी कोल्या तरच विकास होईल.

औपचारिक आणि अनौपचारिक शिक्षणाची ओळख पटवून देण्यासाठी त्यांचे मूल्यापन करण्यासाठी आणि प्रमोदित करण्यासाठी भावप्रयत्न करणे केले आहे.

औपचारिक आणि अनौपचारिक शिक्षणाचे महत्त्व. विकासाने शिक्षण महत्त्वपूर्ण भूमिका बजावते. औपचारिक शिक्षणाच्या प्रवृत्त्यांच्या पलीकडे असणाऱ्या मोठ्या लोकसंख्यांच्या लोकांना जोडून घेण्याच्या शैक्षणिक संघी व नवीन कौशल्ये, ज्ञान प्रदान करण्यासाठी शालेय कार्यक्रमापेक्षा महत्त्वाचे आहे.

सहिलांचे शिक्षण

रानी साह्यार तर संपूर्ण कुटुंब साह्यार' असे महात्मा गांधींनी म्हटलेले आहे. देशाच्या विकासाचा विचार केला तर देशाच्या प्रगतीचे साह्यण म्हणजे तेथील स्त्रियांचे समाजातील स्थान लक्षात घेणे आवश्यक आहे. म्हणून सामाजिक व अर्थिक बदलांमध्ये स्त्रिका महत्त्वाची भूमिका असते. भारतीय संस्कृतीचा विचार केला असता स्त्री पुरुष हे कुटुंबातील महत्त्वाची भूमिका पंजावत असतात. म्हणून पुरुषाबरोबर स्त्रियांना कुटुंबात महत्त्वाचे स्थान आहे. स्त्रिया ह्या काम करून अर्थाजनात सहाय्यक भूमिका निभावत असतात.

औपचारिक शिक्षण आणि अनौपचारिक शिक्षण

औपचारिक शिक्षण आणि अनौपचारिक शिक्षणाच्या सापेक्ष मुल्यावर आलेला वाद अनेक वर्षांपासून अस्तित्वात आहे. प्रख्यात गणित विवा विद्यापीठात परंपरेने औपचारिक शिक्षण होते आणि अनौपचारिक शिक्षणापेक्षा ते अधिक मोठे मूल्य असते. असे कामाच्या ठिकाणी शिकणे.

शिक्षणासाठी सामाजिक, सांस्कृतिक शिक्त

आदर्श म्हणून औपचारिक शिक्षणासाठी ही संकल्पना प्रथम 1963 मध्ये रिकार्डर आणि कोल थांनी आढावण केली होते. ज्याने दावा केला होता की आयुष्यात सर्वात जास्त गोष्टी अनौपचारिक प्रक्रियेद्वारा चांगल्या प्रकारे शिकतात. उदाहरणार्थ सापेक्ष शिक्षण उदाहरण म्हणून शिवाय मानवशास्त्रज्ञांनी असेही संशितले की व्यवहिक शिक्षणातून अदयापही वैचारिक शिक्षण होण्यात आले नाही, ज्यामध्ये एकही नैसर्गिक संस्था नव्हती.

दररोजच्या जीवनात असे घडते ~~जे~~

जानावा किंवा शिक्षणाचा पुष्पूर वापर होत नाही किंवा पूर्णपणे समृद्ध होत नाही. कामाच्या ठिकाणी

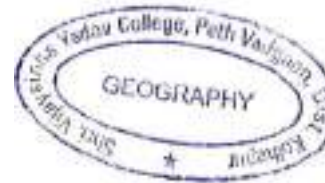
Shri Vijaysinha Yadav College, Peth Vadgaon
Department of Geography
2022-23

Group Discussion
B.A. Part-II Geography

Sr. No.	No. of Student	Name of Guide	Topic of Group discussion	Date	No. Participant
Group 1	09	Dr. Mahmedhusen A. Patil	Scope of Tourism in Hatkanangale Tehsil	12/10/2022	18
Group 2	09				

B.A. Part-II Geography

Sr. No.	No. of Student	Name of Guide	Topic of Group discussion	Date	No. Participant
Group 1	03	Dr. Dinesh J. Bhandare	Socio-economic Status of Farmers of the Hatkanangale Taluka	06/03/2022	18
Group 2	03				



Patil
Head
Department of Geography
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

SHRI VIJAYSINHA YADAV COLLEGE, PETH VADGAON, DIST. KOLHAPUR

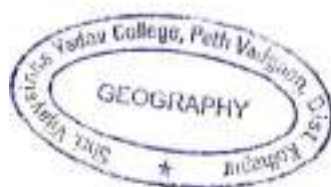
Department of Geography

Poster presentation Activity Report (2022-23)

The department has implemented various curricular and extra-curricular activities to enhance presentation skills among the students. The objectives were decided to stimulate the students by collecting paper cuttings, news, article into television, social media, internet etc. It was decided to make them aware about the current issues in the environment and society. Along with generating competence, extra reading, awareness of local problems etc. These are the major objectives of our implementation of Poster presentation activity in each academic year. Keeping in mind, the department has conducted following Poster presentations:

Sr. No.	Year	Class	Name of Programme	Date of Exhibition
1	2022-23	B.A. Part-I, II, III and B.Sc. Part-I	Geography Day	19/01/2023

The Poster presentation activity was put into practice in B. A. Part-I, II, III and B.Sc. I. Considering above mentioned major objectives this activity helped students to stimulate about the local problems as well as reading of international problems. They also learned to get information from viable and true sources of information in the media. It was helped to know the problems of society and environment by collecting the posters. It was also made them skillful in reading, writing, presentation skills, creativity, observations.



Padhas
Head
Department of Geography
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

SHRI VIJAYSINHA YADAV COLLEGE, PETH VADGAON, DIST. KOLHAPUR

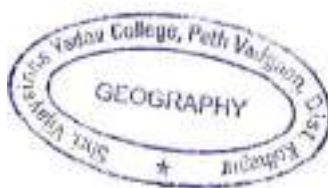
Department of Geography

Project Activity Report (2022-2023)

The department had implemented various curricular and extra-curricular activities to enhance research culture among the students and along with generate competence, consistency in study, awareness of local problems and identification of local problems etc. are the major objectives of our implementation of Project Work activity in each academic year. Keeping in mind department had been conducted following project work activity:

Year	Theory Project		Practical Project		Other Project	
	No. of Project	No. of Students	No. of Project	No. of Students	No. of Project	No. of Students
2022-23	20	20	01	20	--	--
Total	20	20	01	20	--	--

Considering above mentioned major objectives this activity helps to improve the quality of students through curiosity, creativity, out of box thinking, punctuality, keen observations, morality, self competency, leadership, leasing, reading, writing, presentation skills were enhanced among the students. Along with students were aware with local problems.



Paulhas
Head
Department of Geography
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

SHRI VIJAYSINHA YADAV COLLEGE, PETH VADGAON, DIST. KOLHAPUR

Department of Geography

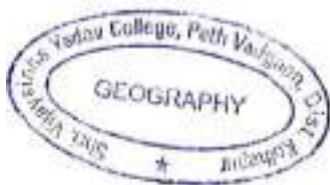
Question-Answer Session and Quiz Activity Report (2022-23)

The department had implemented various extra-curricular activities to enhance extra reading, aptitude and observation skills among the students and along with generate competence, consistency in study and aware about current geographical affairs etc. are the major objectives of our implementation of quiz activity in academic year. Keeping in mind department had been conducted following quiz activity:

Sr. No.	Date	Title of Quiz	No. of Participant
1	10/08/2022	Question-answer Session	25
2	17/09/2022	Online Quiz on World Ozone Day	33
Total			58

The quiz activity has run at college, university and national level. On the occasion of Tourism day, Ozone day and Geography day department has orally and written notice to all classes of geography students and encourage them to participate in online quiz.

Considering above mentioned major objectives this activity helps to improve the both quantitative and qualitative merits through learning, reading, curiosity, creativity, logical thinking, punctuality, keen observations, morality, self competency, leadership etc. were enhanced among the students.



Padhas
Head
Department of Geography
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

SHRI VIJAYSINHA YADAV COLLEGE, PETH VADGAON, DIST. KOLHAPUR

DEPARTMENT OF GEOGRAPHY

'GEOGRAPHY DAY'

ACTIVITY REPORT

2022-2023

Name of the Activity	: Guest lecture and Wallpaper exhibition on Geography Day
Date and Time of activity conducted	: 19th Jan., 2023, 10.00 am onwards.
Target Group	: B. A. Part-II and III
Number of Students took the advantage	: 35
Name of Organizer	: Department of Geography
Name of Resource Person	: Prof. Dr. Ratnadeep Jadhav, Head, Dept. of Geography, Willingdon College, Sangli.

Short Description of activity conducted:

Department of Geography organized 'Geography Day' by inviting, Prof. Dr. Ratnadeep Jadhav as a Resource Person, and the President of this function was Prin. Dr. Vijaya Chavan in the presence of all students of the department. Dr. B. S. Jadhav introduced the function and explained the purpose behind the celebration of Geography in India. Prof. Dr. M. A. Patil introduced Resource Person of the programme.

Prof. Ratnadeep Jadhav shared his thoughts on the use of technology in Geography. He shared his views about the present technological advancement in Geography subject and the use of GIS, GPS, and Remote Sensing for the betterment of society. Principal Dr. Vijaya Chavan shared the views about teachers' expectations from higher education students. Dr. D. J. Bhandare gave a vote of thanks for this programme. Sakshi Ganbawale and Amruta Patil commanded the programme. At the end, the Resource person of this programme wallpapers was displayed on the notice board of the seminar hall.

PO's and PSO's covered:

PO's:

- 1) To understand the use of technology in Geography.
- 2) **To display the wallpapers of Geographical issues.**

PSO's:

- 1) All the participants in the programme understood the advancement of technology in Geography.
- 2) **The student read, understood, and wrote the Geographical issues with the help of the Internet, Textbooks, Reference books, newspapers, etc.**

Photo plates of the Programme

Resource Person: Prof. Dr. Ratnadeep Jadhav

Wallpaper exhibition on Geographical issues



Participants of the programme



Date of Report: 21st January, 2023.


(Dr. B. S. Jadhav)
Head
Department of Geography
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.


(Dr. V. R. Chavan)
Principal
Principal
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

* Notice *



Department of Geography
Shri Vijaysinha Yadav College, Peth Vadgaon

All the students of B.A. Part - I Geography hereby informed that the department is going to conduct 'Group Discussion' Activity on Monday, 6th March, 2023 at 10.00 am in Room No. 30.

For the group discussion purpose following two groups are prepared.

* Group No. 1

- ① Miss. Bhandari S. N.
- ② Miss. Savekar V. K.
- ③ Miss. Salunkhe M. T.

* Group No. 2

- ① Miss. Jamdar S. S.
- ② Miss. Jadhav S. H.
- ③ Miss. Tambore P. D.

The Group Discussion subject is 'Socio-Economic status of Farmers of the Hathkarnagale Taluka'.

So, all concern students will be remain present for this programme.

M. Salunkhe

Shri. Joshi

Yadav

Queer

P. Jadhav
Head
Department of Geography
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

- Attendance -

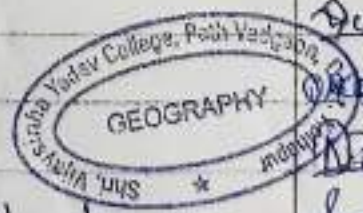
6/3/2023

As per departmental previous notice dated 3/3/2023. The 'Group Discussion' activity organized by the department of Geography on Monday, 6th March, 2023 at 10:00am to award in Room No. 30. The subject of group discussion is as: 'Socio-Economic status of Farmers of Hathkanangale Taluka'

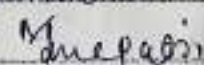
- | | |
|-----------------------|----------------------|
| Group No. 1 | Group No. 2 |
| ① Miss. Bhandari S.N. | ① Miss. Jandav S.S. |
| ② Miss. Sarekar V.K. | ② Miss. Jadhav S.H. |
| ③ Miss. Salunkhe M.T. | ③ Miss. Tambare P.D. |


The following participants are present for the said program

	Name of the Student	Signe	Roll No.
1)	Sanika Narendra Bhandari	Bhandari	107
2)	Vidyaasani Koushmetta Sarekar	SSK	207
3)	sutekna parshuram rathod	SR	115
4)	Radhika Dhondiram Vadd	RDVadd	91
5)	Manju Tukaram Salunkhe	MSalunkhe	54
6)	Shweta siteram chibade.	sschibade	46
7)	Karishma Shivaji Chavan	KS-chavan	69
8)	Sanika Suryakant Jandav	Jandav	39
9)	Sanika Hanment Jadhav.	Jadhav	49
10)	Pallavi Dadu Thombare.	thombare	57
11)	Vaishnavi Vinod samudre	Samuda	69
12)	Pooja Sunil Chavan	PC	62
13)	Vaishnavi Vitthal Gurusu	Gurusu	151
14)	Vatsha Ramesh Patil	VPatil	53
15)	neha Vilas Patil	NPatil	73
16)	the Snehal Mahesh Bhosle	SBhosale	179
17)	Nikhil Namdkumar Kherkonde	Nikhil	167
18)	Sumit U. Kambale	SKambale	51




Dr. D.S. Bhandare


Dr. M.A. Patil


Head 6/3/23
Department of Geography
Shri. Vajaysinha Yadav College

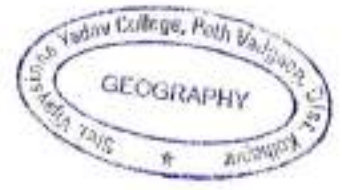


Photo Plates of Group Discussion

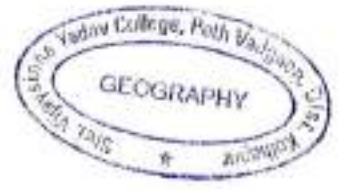
03/03/2023

Group- I: Sanika Jamdar



Manju Salunkhe





Group- II: Sanika Jadhav

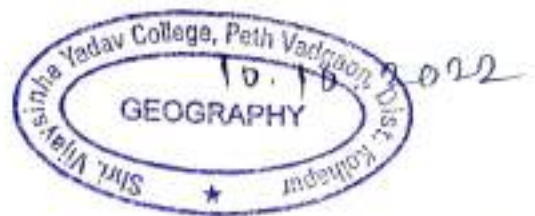


Sakshi Ganabavale



Padhas
Head
Department of Geography
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

Notice



All the students of B.A Part II Geography hereby informed that department will be organize group discussion activity on the subject as 'scope of tourism in Hattkanagale Tahasil' on wednesday 12.10.2022 at 9.00 am at department of Geography Room No. 30. So everyone has present with preperatobn in this activity.

Kohinoor

(Kohinoor S. Madhale)

Jamlae

(Sanika. S. Jamlae)

Sadhu
(Sanika. H. Sadhu.)

Padhar
Head
Department of Geography
Shri. Vijaysinhia Yadav College
Peth Vadgaon, Dist. Kolhapur.

According to previous departmental notice dated 10.10.2022, The department has organized Group Discussion Activity for B.A part II student on Wednesday 12 Oct 2022 at 9.00 am Geography Dept. Room No. 30

Group discussion subject: Scope of Tourism in Hattanangale Tahasil


Group 1. Sr No 1 to 9, Group No. 2 10 to 18

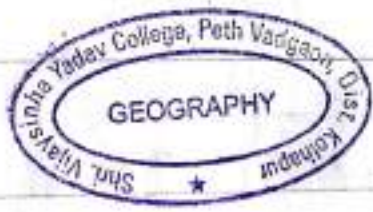
अ.नु	विद्यार्थीचे नाव	शैल.नं	सही
1)	Vidyaarani K. Bavelkar	207	OKS.
2)	Sumit U. Kamble.	51	Sumbe.
3)	Sanika Narendra Bhandari	107	Bhandari
4)	Neha Vilas Patil	73	Patil
5)	Snehal Mahesh Bhosale	179	SBhosale
6)	Vaasha Ramesh Patil	53	Patil
7)	Vaishnavi Vitthal Gutar	151	Gutar
8)	Manju Tukaram Salunkhe	54	MSalunkhe
9)	Shweta Sitaram Chibade.	46	S.Schibade.
10)	Karishma Shivaji Chavan	64	K.S.Chavan
11)	Sanika Hanment Jadhav	49	Jadhav
12)	Pallavi Dady Thombare.	57	Thombare.
13)	Sonika Suryakant Jambale	39	Jambale
14)	Pooja Sunil Chavan	62	Patil
15)	Vaishnavi Vinod Samudre	69	Samudre.

16	Radhika Dhondiram Vadd	91	R.D.Vadd
17	Surekha Parshuram Rathod	115	<u>SR</u>
18	Nikhil Namalkumar Kherkande	167	<u>Nikhil</u>


(Dr. D. S. Shinde)

M. A. Pabji
Dr. M. A. Pabji


Head 12/10/2022
Department of Geography
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.



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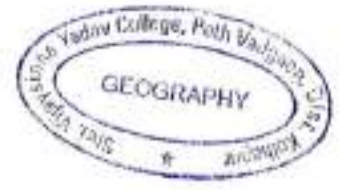
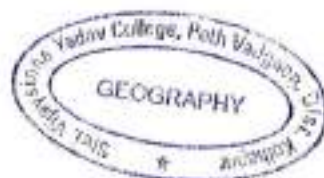


Photo Plates of Group Discussion
12/10/2022



Padhas
Head
Department of Geography
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

Shri Vijaysinha Yadav College, Peth Vadgaon, Dist. Kolhapur
Department of Geography
Brief Report on Guest Lectures
2022-23

The department has organized total 15 guest lectures on various topics in last five academic years. The objectives behind the guest lectures are as below:

- 1) To make syllabus easy and understandable.
- 2) To make aware about employment and entrepreneur skills.
- 3) To understand the reason behind the celebration of Days in Geography.
- 4) To make students aware about the recent geographical events and incidence.
- 5) To learn the new tools and techniques in the field of Geography.

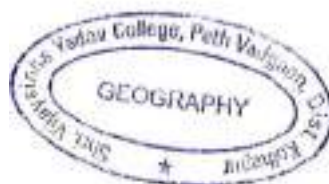
Keeping in mind the above objectives, the department has organized following Guest Lectures.

Sr. No.	Year	Name of Day/ Program	Date of Guest lecture	Name of Resource Person
1	2022-23	i) Geography Day	19/01/2023	Dr. R. G. Jadhav
		ii) Skill India Information Drive	25/03/2023	Mr. Mainuddin Tamboli
	Total:	02	--	02

The Guest lecture activity was put into practice on the class of B. A. Part-I, II, III and B.Sc. I. Outcomes of Guest Lecture activity are in the following:

Outcome:

- 1) All guest lectures were useful to understand the syllabus content.
- 2) Student have benefited about the employment and entrepreneur skills and used them into their career.
- 3) Student became aware about the information of Days celebrated.
- 4) Students got the additional information about the geographical recent events and incidence.
- 5) Students learned the new tools and techniques like GIS, GPS, VISA, Passport process etc. from the guest lectures.



R. G. Jadhav
Head
Department of Geography
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

SHRI VIJAYSINHA YADAV COLLEGE, PETH VADGAON

Department of Geography

Online National Level Quiz on

'INTERNATIONAL OZONE DAY'

Saturday, 17th September, 2022

Name of the Activity	: Online National Level Quiz on <u>'WORLD OZONE DAY'</u>
Date and Time of activity conducted	: 17 th September, 2022
Nature of Activity	: Online
Online Quiz Link	: https://forms.gle/6jHHLKDwXCPCZVwAA
Target Group	: B. A., B. Com. and B. Sc. Students, Teachers and Society
Number of online Participants	: 33
Name of Organizer	: Department of Geography
Short Description of Conducted Activity:	

The department organized Online National Level Quiz on 'World Ozone Day' on 17th September, 2022. The presence of ozone in the atmosphere protects the earth from ultraviolet rays from the sun. Some human activities result into emission of gases such as CFCs and Methane are depleting the ozone layer. This could endanger the whole world. As part of this, in order to understand and conserve ozone, we, as a geographer, have created Quiz based on photos to understand ozone and its importance to the society.

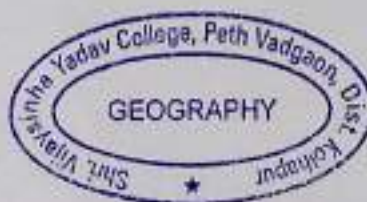
PO's and PSO's covered:

PO's:

- 1) To understand the layers of the atmosphere and Ozone.
- 2) To know the importance of ozone for biosphere.
- 3) To know the causes and consequences of depletion of ozone.
- 4) To obtain information about the protection of ozone layer.

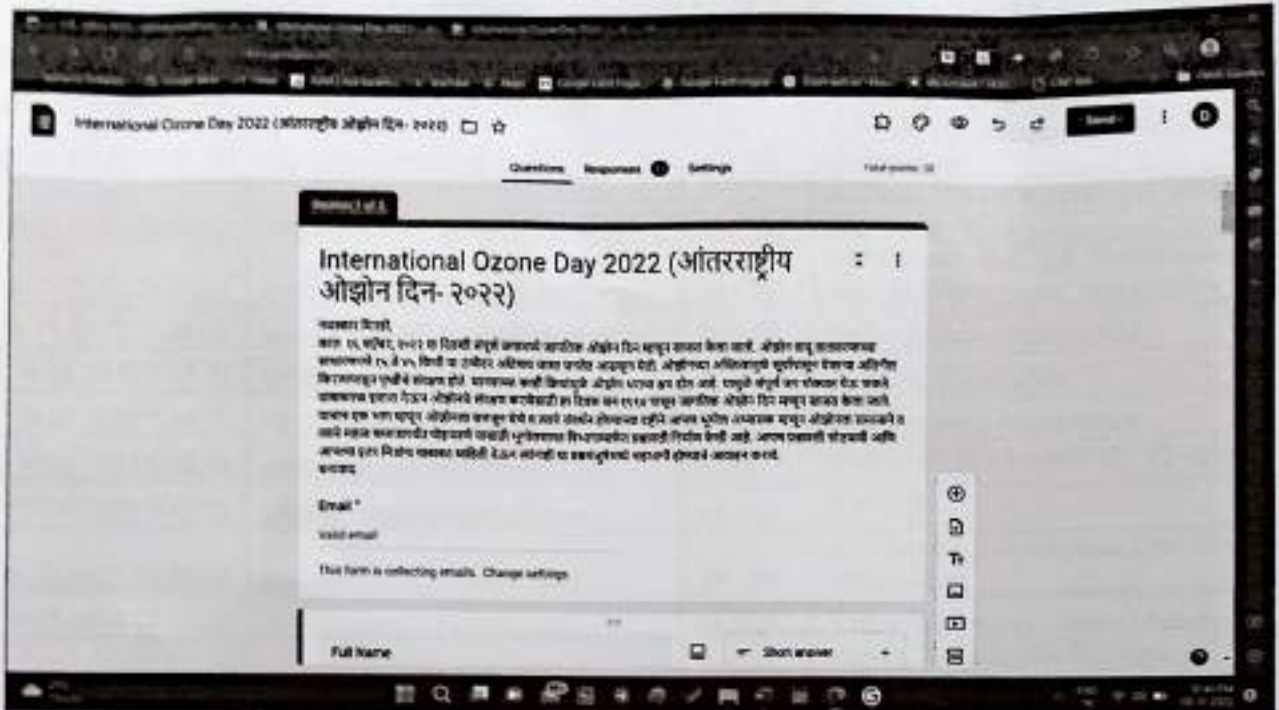
PSO's:

- 1) The beneficiaries identified about intention behind the organization of World Ozone Day.
- 2) The beneficiaries became aware about importance, depletion and recovery measures of ozone layer.

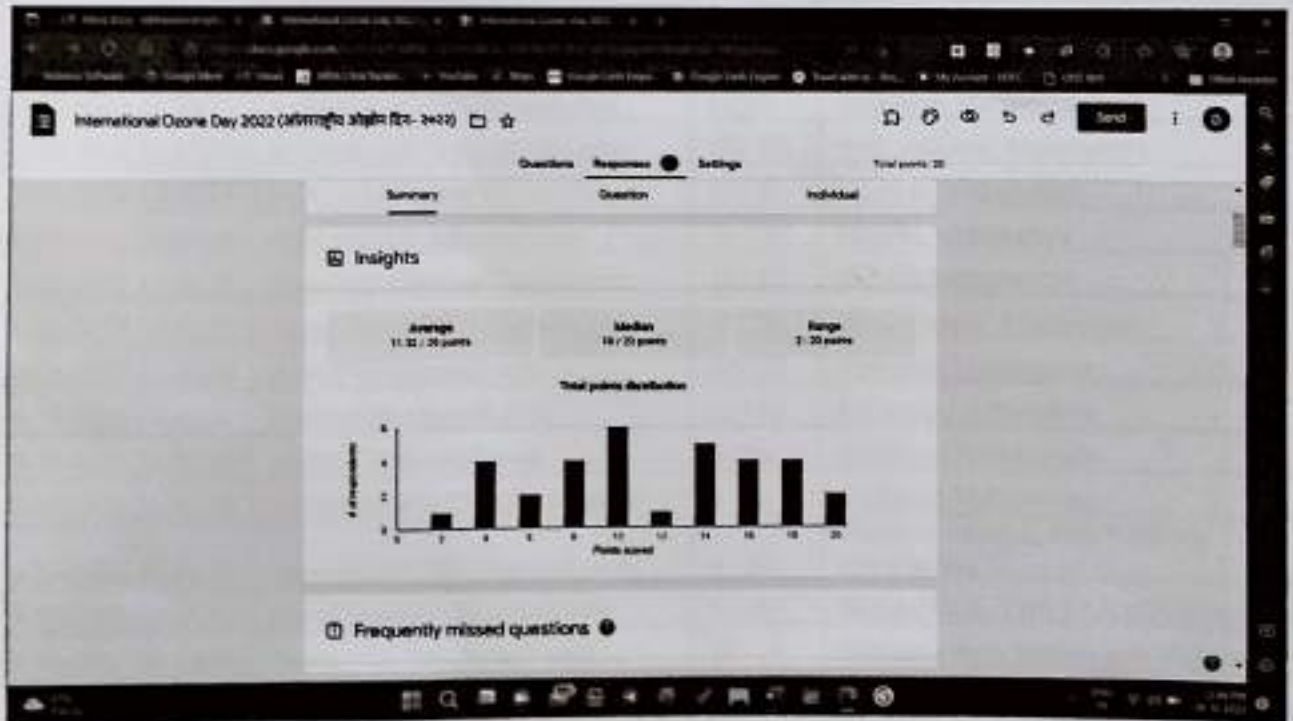


Screenshots of Google Form of Online Quiz

Quiz form page

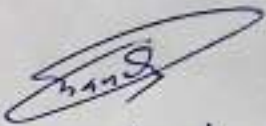


Quiz Analysis page



List of participants

Timestamp	Email Address	Score	Address with State
9-17-2022 14.01.54	sanamahmedhusenpatil@gmail.com	14 / 20	Kolhapur, Maharashtra
9-17-2022 22.06.50	bhandare.dinesh@gmail.com	16 / 20	Kolhapur, Maharashtra
9-17-2022 22.41.16	begsuhana6@gmail.com	10 / 20	A/P toap tal- Hatkanangale dist- Kolhapur, Maharashtra
9-17-2022 22.53.43	psnalawade1994@gemil.com	10 / 20	A/d post Mole ta Kagawad di.belagavi, Karnataka
9-17-2022 23.36.02	pravinmali2183@gmail.com	18 / 20	A/P Pattan kodoli, Tal. Hatakanangale, Dist. Kolhapur, State. Maharashtra
9-17-2022 23.48.29	kusumchougule8390@gmail.com	20 / 20	Peth Vadgaon, Maharashtra
9-18-2022 7.18.57	ddhairyashilpatil58@gmail.com	2 / 20	Pargaon, Maharashtra
9-18-2022 7.44.17	amarhogade8674@gamil.com	6 / 20	Peth Vadgaon, Maharashtra
9-18-2022 9.08.38	ashishchougule498@gmail.com	4 / 20	कुंमोज ता हातकंगले जी कोल्हापूर
9-18-2022 9.52.32	ghurakebaburao@gmail.com	18 / 20	महाराष्ट्र
9-18-2022 10.16.08	prakashskoli83@gmail.com	14 / 20	A/P-Savalaj, Tal-Tasgaon, Dist-Sangli, Maharashtra
9-18-2022 10.50.19	arpitakagwade@gmail.com	16 / 20	Vathar tarf udgaon , State- Maharashtra
9-18-2022 21.22.12	santoshski106@gmail.com	10 / 20	Hupari, Hatkanagale, Kolhapur, Maharashtra
9-19-2022 9.34.04	shubham291120@gmail.com	18 / 20	A/P- Peth Vadgaon, Maharashtra
9-19-2022 15.24.33	patils965@gmail.com	16 / 20	Pune, Maharashtra
9-19-2022 16.10.58	p2271444@gmail.com	4 / 20	Khochi, Maharashtra
9-19-2022 16.35.10	guravpopat9@gmail.com	10 / 20	Khochi, Maharashtra
9-20-2022 13.20.27	sangrampatil8474@gmail.com	6 / 20	Kolhapur, Maharashtra
9-20-2022 13.27.49	ptathamgodbole3@gimam.com	10 / 20	Peth Vadgaon, Maharashtra
9-20-2022 13.29.26	yadavprashant1980@gmail.com	14 / 20	Bhadole, Maharashtra
9-20-2022 13.33.44	desaivijay1818@gmail.com	16 / 20	Ghunki, Maharashtra
9-20-2022 13.41.34	kiratsingvishvajeet@gmail.com	14 / 20	Bagani, Maharashtra
9-20-2022 13.42.27	chougalesujal9021@gmail.com	18 / 20	Bhadurwadhi, Maharashtra
9-20-2022 13.43.34	pp9434717@gmail.com	20 / 20	Vadgaon, Maharashtra
9-20-2022 14.05.40	khatibshaba@gmail.com	12 / 20	Kolhapur, Maharashtra
9-20-2022 14.35.49	vp0079749@gmail.com	4 / 20	Kolhapur, Maharashtra
9-20-2022 16.14.59	ankushgoriwale200@gmail.com	8 / 20	Vadgaon, Maharashtra
9-20-2022 18.38.47	rupapatil20072003@gmail.com	4 / 20	Tambave vasahat, Peth Vadgaon Maharashtra
9-20-2022 20.21.56	santajimusale658@gmail.com	8 / 20	Bhajani Galli, Peth Vadgaon Maharashtra
9-20-2022 20.24.19	dhanajimusale8@gmail.com	14 / 20	Kolhapur road, bhajani gali Maharashtra
9-20-2022 21.46.53	jyotijadhav9021@gmail.com	8 / 20	Toap, Maharashtra
9-20-2022 22.24.43	samruddhibelekar@gmail.com	10 / 20	Shivaji putla,peth Vadgaon, Maharashtra
9-21-2022 8.27.34	shubhampatil211102@gmail.com	8 / 20	Peth Vadgon, Maharashtra



(Ar. P. J. Bhendale)


Head

Department of Geography
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.


Principal

Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.




दि. 10.08.2022

भूगोलशास्त्र विभाग



शैक्षणिक वर्ष 2022-23 मध्याह्न वे. ह. भाग 1 मध्याह्न
विद्यार्थ्यांचे प्रगत व अप्रगत अशी वर्गवारी करणेसाठी
बुधवार दि. 10.08.2022 रोजी त्यांच्या इयत्ता
12 वी च्या भूगोलशास्त्र विषयाच्या शानाकर
आधारित प्रश्नोत्तराचे सत्र घेण्यात आले.
इयत्ता 12 वीचे गुण व प्रश्नोत्तर सत्रामध्ये
विद्यार्थ्यांच्या सहभाग याद्वारे विद्यार्थ्यांची प्रगत
व अप्रगत अशी वर्गवारी करणे आली.
सोबत जोडलेल्या यादीतील विद्यार्थी
प्रश्नोत्तर सत्रामध्ये नसत.


(Dr. D. S. Bhalerao)

M. A. Palsi
Dr. M. A. Palsi


Head
Department of Geography
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

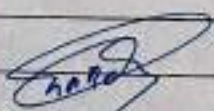
स्वातंत्र्य विद्यार्थी प्रश्नकर्ता सभास तज्जर

Date

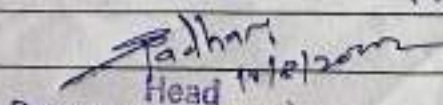
नाव	विषय
शितल संजय शिंदे	भूगोल
वेळावी संजय पाटील	भूगोल
प्रतीक्षा प्रदिप कुळिरे	भूगोल
स्नानिका अनिल तेलवेकर	भूगोल
स्नानिका अशोक जाधव	भूगोल
प्रतिमा महादेव जाधव	भूगोल
अर्पिता अनिल कागवाडे	भूगोल
तनुजा अर्जेराव वडवार	भूगोल
द्यन्त्री सुधीर पाटील	भूगोल
जमुता विठ्ठल पाटील	भूगोल
अपेक्षा अमोल पाटील	भूगोल
पायल पोपट गुरव	भूगोल
पश्चिमा दिनेश कोळी	भूगोल
स्नानिका जयसिंगा कोळी	भूगोल
नडलुजा दिनकर अवधुते	भूगोल
स्नानिका शिवाजी सुतार	भूगोल
स्वरुपा शंकरराव सोनवल्ले	भूगोल
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सुषमा अशोक कुंभार	भूगोल
आदिल अतोल कुंभार काळे	भूगोल
प्रकाश सुरेश गुडवडे	भूगोल
राज शिवाजी कुंभार	भूगोल
विशाल नरिसार गुर्जर	भूगोल
मनोज संतोष यादव	भूगोल

M. J. Jadhav

10.08.2022



(M. J. Jadhav)



Head
Department of Geography
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

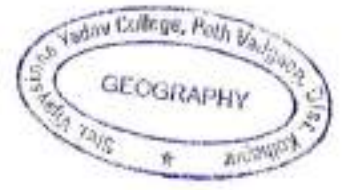


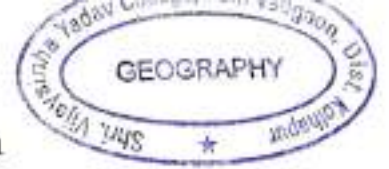
Photo Plates of Question Answer session

10/08/2022



Peth Vadgaon, Maharashtra, India
R8PF+72R, Peth Vadgaon, Maharashtra 416112, India
Lat 16.836136°
Long 74.322318°
10/08/22 09:30 AM GMT +05:30

Padhas
Head
Department of Geography
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.



Shri Vijaysinha Yadav College, Peth Vadgaon

Department of Geography

Study Tour (Aagashiv Caves- Karad - Mahuli – Vasota Fort Trek)

16th to 17th March, 2023

Report of Study Tour

Name of the Activity	: Study Tour of B.A. Part-II and III Geography
Date and Time of activity conducted	: 16th to 17th March, 2023
Target Group	: B. A. Part- II and III Geography
Number of Students took the advantage	: 16 (B.A. Part- II: 06) (B.A. Part-III: 10)
Vehicle used	: Tempo Traveller (18 seater)
Route of the Study tour	: Peth Vadgaon- Aagashiv Caves- Karad- Mahuli- Kasbe-Bamnoli- Vasota Fort- Peth Vadgaon
Name of Organizer	: Department of Geography
Name of Coordinator	: Prof. (Dr.) Mahmedhusen A. Patil Dr. Dinesh J. Bhandare

Short Description of activity conducted:

As per the instructions of Shivaji University, Kolhapur the Study tour is the part of curriculum. In this regard, Department of Geography organized Study Tour of B.A. Part-II and III at Aagashiv Caves- Karad - Mahuli – Vasota Fort Trek. There was total 16 students with 3 teachers (02 Male and 01 Female) visited various sites and observed the characteristics of the tourist destinations. Overall the Study tour is completed as per the prepared plan.

Aims and objectives:

- 1) To understand the planning and management process of tour.
- 2) To aware the students about the situations of tourist places.
- 3) To observe and study the change into natural, economic and social conditions of tourist places.
- 4) To get familiar about the tourist places visited for making of tour report.

Outcomes:

- 1) All the students in Study tour involved into decision making and planning of Study tour.
- 2) All the students observed the current situation of tourist places by visiting them.
- 3) All the students observed and studied the change into natural, economic and social conditions at tourist places.

- 4) All the students became familiar about the tourist places physically and received primary information to draw them in the tour report.


Photo plates of Study tour

Aagashiv Buddhist Caves (Karad)



Priti-Sangam (Karad)




 (Dr. D. J. Bhandare)
 Tour Organizer


Head
 Department of Geography
 Shri. Vijaysinha Yadav College
 Peth Vadgaon, Dist. Kolhapur.


Principal
 Shri. Vijaysinha Yadav College
 Peth Vadgaon, Dist. Kolhapur.

Bannoli Tenting facility



Entrance of Vasota Fort



Vasota Fort



Trek of Vasota Fort



Shri Vijaysinha Yadav College, Peth Vadgaon

Department of Geography

B.A. Part III Geography

Study Tour (Aagashiv Caves- Karad - Mahuli – Vasota Fort Trek)

16th to 17th March, 2023

BALANCE SHEET

- The contribution of Study tour per student is Rs. 2000/- (Rupees Two thousand rupees only)
- Rs. 2000/- X 19 = ₹ 38,000/- (Thirty Eight Thousand only)
- Total ₹ 38,000/- (Thirty Eight Thousand only)

EXPENDITURE

Sr. No.	Expenditure Details	Amount in Rupees (₹)	
1	Driver Lunch 16/03/2023	150-00	
2	Driver Dinner 17/03/2023	150-00	
3	Package of Stay, Boating and Trekking (1100/- each) x 20	22,000-00	
4	Vehicle Rent 23-00/km x 600 km (Fixed distance per day 300 km) = 13,800-00	13,800-00	
5	RTO permission	1000-00	
6	Toll fee (Approximate amount)	500-00	
7	Guide service at Vasota Fort	500-00	
Total		38,100-00	
Sr. No.	Contribution	Expenditure	
1.	Total Contribution	₹ 38,000/-	Total Expenditure ₹ 38,100-00

- Balance Rs. -100-00

- Extra amount of Rs. 100-00 is paid by the faculty on Study tour.

APatil
(A.V. Patil)

S. S. Bhatkar
(S. J. Bhatkar)

P. A. Jambekar
(P. A. Jambekar)

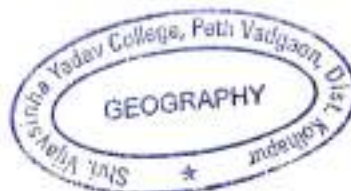
(Dr. D. J. Bhandary)

Head

Department of Geography
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

Principal

Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.



Date: 15/03/2023

To,
The Principal,
Shri Vijaysinha Yadav College,
Peth Vadgaon

Subject: Permission to conduct study tour of B.A. Part-II & III, Geography...

Respected Madam/Sir,

Department of Geography is wishing to conduct a two-day study tour of B.A. Part- II and III at Aagashiv, Karad, Satara and Bamnoli on 16th to 17th March, 2023. It will be an educational tour and will help us to gain a better understanding of the things we study theoretically.

We further agree that we will remain sole responsible for wellbeing of all students and teachers participating in this study tour.

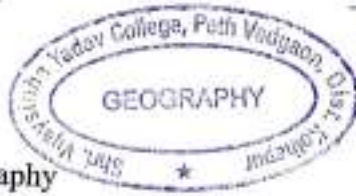
Yours sincerely,

M. A. Patil

Name: Prof. Dr. M. A. Patil

Coordinator,

Study Tour of B.A. II Geography



B. S. Jadhav

Dr. B. S. Jadhav

Head

Department of Geography
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

D. J. Bhandare

Name: Dr. D. J. Bhandare

Coordinator,

Study Tour of B.A. III Geography

permission granted

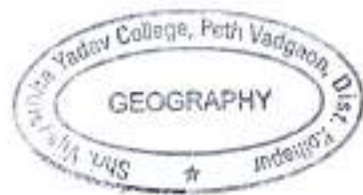
B. S. Jadhav

15/3/23

Principal

Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.

Enclosure : List of students and organizers.



B.A. Part-II

List of Students for the Study Tour:

Sr. No.	Roll No.	Name of Student	Date of Birth	Contact Number
1.	302	Gurav Jyoti Vitthal	06/01/2004	7028454549
2.	307	Ganbavale Sakshi Sunil	05/10/2002	9404932197
3.	309	Methe-Patil Vaishnavi Bajrang	29/08/2003	9730731628
4.	311	Savekar Vidyarani Krishnat	14/03/1997	7066483782
5.	317	Gurav Vaishnavi Vitthal	04/05/2002	9096142562
6.	418	Jamdar Sanika Suryakant	27/08/2003	7038502117

B.A. Part-III

Sr. No.	Roll No.	Name of Student	Date of Birth	Contact Number
1.	603	Belekar Samruddhi Jitendra	16/09/2002	7517953531
2.	604	Gorivale Ankush Shamrao	26/04/2000	7058282391
3.	607	Jamdar Pranoti Anil	15/09/2002	7276439303
4.	609	Kadam Aishwarya Ashok	06/12/2001	8483828448
5.	613	Momin Sabiha Inaytulla	04/01/2003	9322737389
6.	617	Patil Jyoti Jalindar	11/06/2001	9970187280
7.	618	Patil Amruta Vitthal	20/07/2002	9359081658
8.	619	Powar Tejaswini Sanjay	09/10/2002	9209308017
9.	620	Sagare Tejashri Sachin	15/07/2002	8459203142
10.	639	Kurane Tejaswini Sachin	08/03/2002	9028456990

Name of Tour Organizer: 1) Prof. Dr. Mahmedhusen A. Patil 2) Dr. Dinesh J. Bhandare
Contact No. 09860805705 Contact No. 09545229045
3) Prof. Miss. Aishwarya A. Patil
Contact No. 8329902598

Patil
Head
Department of Geography
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.