

Estd. : July, 1999

॥ प्रज्वलितो ज्ञानमय प्रदीपः ॥

UGC (2F & 12B) Dt. 16-8-2011
Perm. Aff. No. SU/AFFI/T-2/UMK/4818 Dt. 15-7-2010



Shri. Shahu Shikshan-Prasarak Seva Mandal, Peth Vadgaon's

SHRI. VIJAYSINHA YADAV COLLEGE

PETH VADGAON



Tal. Hatkanangale Dist. Kolhapur (Maharashtra) 416 112 ☎ (0230) 2471599

NAAC Accredited - 'B++' (2.83)
Aug. 2016

Affiliated to Shivaji University, Kolhapur

✉ vyadavcollege@rediffmail.com

🌐 www.vympv.ac.in

President :
Shri. Gulabrao Pol
I.P.S.

Secretary :
Sou. Vidya Gulabrao Pol
M.A.,B.Ed.

Vice President :
Smt. Vijayadevi V. Yadav

Principal :
Dr. Vijaya R. Chavan
M.Sc.,Ph.D.

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences.

Student Centric Methods

Sr. No.	Experiential Learning
1	Study Tour
2	Industrial Visit
3	Short Term Coerces
4	State level virus model competition
5	Awareness Programme
6	Training Programme
7	Student exchange Programme
8	Bird Census
9	Article Writing
	Participative Learning
10	Webinars
11	Various competition
12	Book Exhibition
13	Granth dindi
14	Vachan katta
15	Pictorial Exhibition
16	Photography competition
17	Poster Presentation
18	Quizzes
19	Carrere Orientated Courses (COC)
20	Guest lectures
21	Students Seminar
22	Celebration of Various Commemorative days
23	Wallpaper Presentation
24	Group Discussion
25	Interaction with Entrepreneurs
26	Essay writing competition
27	Carrere guidance workshops
28	Tree Plantation
29	Elocution Competition
	Problem Solving
30	Student Projects

Study Tour

Department of Physics

Shri Vijaysinha Yadav College, Pethvadgaon

Student Centric Activity: **Study Tour**

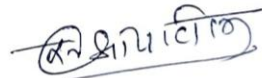
2017-18

Every year department of Physics 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 physics visited Visveshwarayya Industrial and Technological Museum, Bangalore.

Objectives

- To observe keenly all the experiments present in Visveshwarayya Industrial and Technological Museum, Bangalore
- To discuss and understand theory behind the experiments.
- To understand basic concepts in physics.
- To write brief report of all the experiments.



Mr. Sandip S. Patil

Head

Department of Physics
Shri Vijaysinha Yadav College
Pethvadgaon, Peth Vadgaon

Shri V.Y. Arts and Science College, Pethvadgaon

Date: 08 / 12 / 2017

To,
The Principal,
Shri V.Y. Arts and Science College, Pethvadgaon

Subject: To get permission for study tour.....

Respected Sir,

With respect to above mentioned subject, study tour of class B.Sc. III, subject Physics is arranged on the date and place mentioned bellow. This study tour of concerned class and subject is according to the syllabus of Shivaji University, Kolhapur. Please permit the same and do the needful.

Place: Bangalore, mysore (science centre, planetarium)

Duration: 20/12/2017 to 24/12/2017

Thanking you.



Yours faithfully,

Head,

Department of Physics

Shri V.Y. Arts and Science College, Pethvadgaon, Kolhapur

Note: The list of participating students, teachers and nonteaching staff is attached herewith.

A

Shri Vijaysinha Yadav Arts and Science College, Pethvadgaon

1) List of participating faculty

Sr. No.	Name	Age	Mobile No.	Sign.
1	Shri. Sandeep S. Patil	37	9421173842	
2				
3.				

2) List of Participating non teaching staff

Sr. No.	Name	Age	Mobile No.	Sign.
1	Shri. Ragib J. Mahaldar	32	9763745616	
2				

3) List of participating students

Sr. No.	Name	Age	Mobile No. of Parent	Sign.
1	Khot Rohit Maruti	21	7304947304	
2	Patil Omkar Vasant	21	9765844249	
3.	Lohar Vilas Parsharam	23.	9730742918	
4.	GURAV KIRAN KESHUNAT	20	7448229846	
5.	Jadhav Pranav Prakash	20	9130805145	
6.	Waghmare Vaibhav Popat	20	8605879272	
7.	Kawle Omkar Rajendra	20	9175909772	
8.	patil Satish Balaso.	21	9130841511	
9.	Khamkar Shital Sanjay	21	9921224423	
10.	Patil Padmashri Manik.	21	9420932440	
11.	Patil Poyanka Gundoji	20	9673396376	
12.	Patil Shital Vilas	20	8975411479	
13.	Chingale Shravani Shivshankar	20	9404411944	
14.	Jadhav Anil Kumar	20	9970758399	
15.	Bandharpalle Mayuri Ramchandra	20	8483926250	
16.				
17.				
18.				
19.				
20.				

If necessary attach extra sheet.

Head,
Department of Physics
V. Y. C. College, Pethvadgaon, Kolhapur

मी श्री / श्रीमती शितल विनास पाटील
वर्ग B.Sc-III असे लिहून देतो की, पदार्थविज्ञान
विभागाच्या दि. 20/12/2017 ते 24/12/2017 रोजी आयोजित केलेल्या
शैक्षणिक सहलीमध्ये मी स्वतः सहभागी होवू इच्छितो/इच्छिते. सदर सहलीमध्ये मी
माझे स्वतःचे जबाबदारीवर येत आहे. या सहलीमध्ये मी कोणत्याही प्रकारचे
गैरवर्तन करणार नाही, व कॉलेजच्या अथवा संस्थेच्या बदनामीस कारणीभूत होईल
असे वर्तन करणार नाही. अशी हमी देतो. माझ्या शिक्षकांनी सांगितलेल्या सुचनांचे
पुर्ण पालन करेन. तरी मला सहलीमध्ये सहभागी होण्याची परवानगी मिळावी. ही
विनंती.

विद्यार्थ्याचे नांव :- शितल विनास पाटील

रोल नंबर :- 1315 सही :- S.Patil

—: पालकांचे हमीपत्र :-

मी. विनास भिमराव पाटील

रा. खोची ता. हातकणंगळे जि. कोल्हापूर

खोची गावचा रहिवाशी असून माझा मुलगा / मुलगी

आपल्या कॉलेजमध्ये B.Sc-III वर्गात शिकतो / शिकते वी / ती

पदार्थविज्ञान विषयाच्या शैक्षणिक सहलीमध्ये स्वतःच्या जबाबदारीवर
सहभागी होत आहे. वी / ती सदर सहलीमध्ये गैरवर्तन करणार नाही. तरी त्यास

सदर सहलीमध्ये सहभागी करून घ्यावे.

पालकांचे नांव :- विनास भिमराव पाटील

पत्ता :- मु.पो खोची ता हातकणंगळे जि-कोल्हापूर

सही :- S.Patil

TOUR REPORT

DEPARTMENT OF PHYSICS

**Shri Vijaysinha Yadav Arts & Science college,
Peth vadgaon.**

2017-2018

By

Name : Jadhav Arati kumar.

Shri Shahu Shikshan Seva Mandal's
Shri Vijaysinha Yadav Arts & Science College, Peth Vadgaon

DEPARTMENT OF PHYSICS

CERTIFICATE


This is certifying that **Miss Jadhav Arati Kumar** satisfactory carried out the required study tour prescribed by **Shivaji University, Kolhapur** at BSC III course in Physics in the academic year 2017-2018.

Place: Peth Vadgaon

Date: 13-1-2018


Teacher in charge


Examiner
1-3-2018


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

incorporates some earlier structures. The smaller eastern gateway leads to the inner court with its numerous smaller shrines.

UgraNarasimha:- This is the largest statue in Hampi. Ugra Narasimha Statue in Hampi is a statue of Laxmi Narasimha. The statue is carved out of a single block of stone. This single stone structure of Lord Narasimha is a major tourist attraction in Hampi, a UNESCO inscribed World Heritage Site and is considered to be an important monument among the entire group of monuments and relics at the site. The Ugra Narasimha Statue is located to the south of Hampi. The statue of Ugra Narasimha, Hampi is 6.7 meters in height.

Tungabhadra Dam:- The **Tungabhadra Dam** is constructed across the Tungabhadra River, a tributary of the Tungabhadra River. The dam creates the biggest reservoir on the Tungabhadra River with 101 tmcft of gross storage capacity at full reservoir level (FRL) 498 m MSL, and a water spread area of 378 square kilometres.

Elephant Stables:-the elephant of royalty were kept in this imposing edifice with arched and many domes.

❖ Bangalore

On 21 Dec 2017 at 6 am we travel towards Bangalore .In Bangalore we saw science centre & isckon temple. After that we went towards our reserve hall for halt in youth hostel.

❖ Visvesvaraya Industrial and technological Museum

It is a museum in Bangalore, India. Its management comes under the national council of science Museum (NCSM), Government of India

Establishment :- The **Visvesvaraya Industrial and Technological Museum**, (VITM), Bangalore, India, a constituent unit of the National Council of Science Museums (NCSM), Ministry of Culture, Government of India, was established in memory of Bharat Ratna Sir M Visvesvaraya. The building, with a built up area of 4,000 m² (43,000 sq ft), was constructed in Cubbon Park. It houses various scientific experiments and engines, and was inaugurated by the first Prime Minister of India, Pandit Jawaharlal Nehru, on 14 July 1962. The first gallery set up at VITM, on the theme of 'Electricity', was opened to the public on 27 July 1965.

Engine hall:- The Engine hall was set up in the year 1994. The exhibits in this hall depict the saga of mechanisms, machines and devices that form the very foundation of modern technology. The Engine hall exhibits engines of various automobiles, machine used in industry a jet air craft engine ,and other mechanical device. The predictability and precision of mechanics in demonstration by the rolling balls that travel endlessly within metal tracks. It is delighting to watch the balls moving over roller coaster,

looping a loop and bouncing high to be caught by a basket. Principle of conservation of energy can be explained convincingly through this exhibit. The how things work gallery is an attempt to explain the fundamentals of machines, through interactive exhibits. Exhibits include pulley system, gears, different ways of transferring motion, reducing effort by levers, inclined plane, and screws.



Electro Technic gallery: - The "Electrotechnic" gallery was thrown open to the visitors of the museum by Shri. Jawhar Sircar, Secretary, Ministry of Culture, Govt. of India on 8th April 2010. This is the latest addition to the museum. The gallery which has been set up in an area of about 780 sq. metre houses fascinating exhibits on various topics in electrical technology. The 'Electro Technic Gallery' contains interactive electrical exhibits which work on the basic principles of electricity, electronics and communication.. This gallery exhibits the classical experiments, Barlows wheel and Faradays ring. A demonstration on electrostatics, which include a Tesla coil and Van de Graff generator is on display.

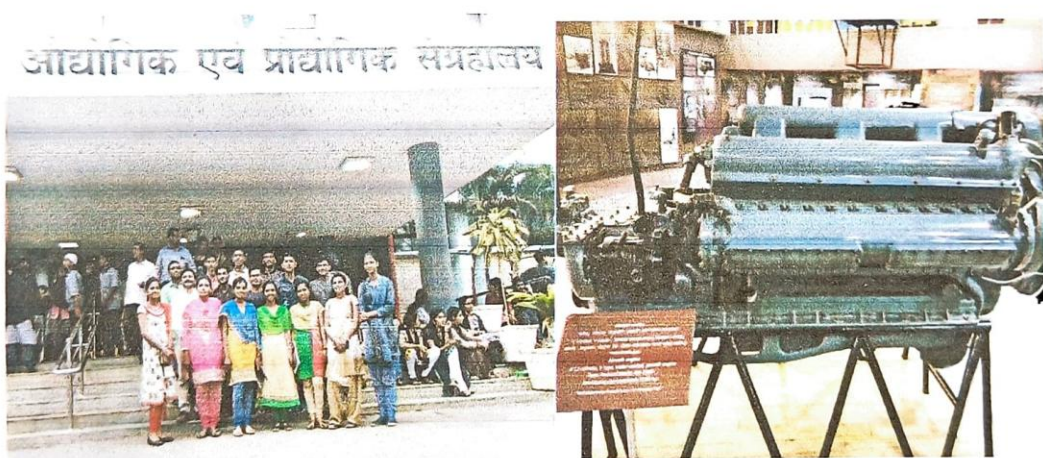
Fun Science Gallery:- On the 1st floor of the Museum we have the 'Fun science gallery' displays exhibits on sciences of sound, optics, fluids, math and perception. This is a real fun-filled exhibition and people throng each and every exhibit in large numbers to operate them.

Space Gallery:- Emerging technology in the service of mankind gallery show case the achievement of Indian space program. It is inaugurated on 19 June 1999. The gallery was renovated with guidance of Indian space research organization and reopened as space technology on 28 November 2017. It is the first science gallery in India dedicated to space and space technology. The 'space Gallery's about rocket science and the history of space exploration. Biotechnology hall also on the second floor of Visvarya museum has exhibits on basics of biotechnology and its applications. The 'Dinosaur alive' has a moving replica of a Spinosaurus. The 'BEL Hall of Electronics' has interesting exhibits on Electronics.

Science for Children Gallery:- Another gallery named "science for children" houses exhibits that engages children in activities that help them to enjoy science. This exhibition engages children in activities that help them to enjoy science. There is a giant piano over which they can dance to play music. A pin-wall helps the children to make the impression of their body parts on it. There is a virtual game area, where children can play music using virtual instruments. An attractive mural made of collared beads welcome the visitors to this gallery, which is filled with fun and enjoyment. The museum also conducts a mini-planetarium show called 'Taramandal' at regular intervals. This is the only museum in the world other than the Smithsonian Institution's in the US, to have a full scale replica of the 1903 flyer of Wright brothers.

A new 3D theatre using technology from Light Speed, USA is open to the public now. Interesting films on deep sea diving and brain are screened here. The 3d effects are spectacular.

Other Attractions:- There is a virtual game area where children can play music using virtual instrument. an attractive mural made of colored beads welcome the visitors to this gallery, which is field with fun an enjoyment. The museum also conducts a mini planetarium show called taramandal at regular intervals. This is the only museum in the world other than the Smithsonian institution's in the US, to have a full scale replica of the 1903 flyer of Wright brothers .a new 3D theatre using technology from light speed, USA is open to the public now. interesting films on dip sea diving and brain are screened here . The 3D effect is spectacular.



❖ ISKCON TEMPLE:-

Sri Radha Krishna Temple (Hindi-श्री राधाकृष्ण - चन्द्र मंदिर) has deities of Radha and Krishna located at Rajajinagar, in North Bangalore, Karnataka, India. It is one of the largest ISKCON ritvik temples in the world.^[1] The temple is a huge cultural complex that was inaugurated in 1997 by Shankar Dayal

Department of Physics

Shri Vijaysinha Yadav College, Pethvadgaon

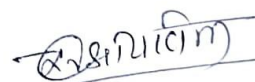
Student Centric Activity: **Study Tour**

2017-18

Outcomes

Department of Physics organized a study tour at Visveshwarayya Industrial and Technological Museum, Bangalore. 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. 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. Sandip S. Patil

Head

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

Study tour: Vishweswarayya industrial and Technological Musium, Bangalore



Industrial Visit of department of Chemistry at Excel industries, Chiplun



Short Term Course

Name of the College:	Shri Vijaysinha Yadav College, Peth Vadgaon
Name of the Organizer:	Department of Geography (In Collaboration with Dept. of Geography, Shivaji University, Kolhapur)
Name of Skill Provider:	1) Dr. D. H. Pawar (Inspiration to Students) 2) Dr. B. S. Jadhav (Tourism Classification) 3) Dr. A. N. Patil (Eco Tourism and Sustainable Tourism) 4) Dr. Mrs. S. M. Rajhans (Development of Tourism) 5) Mr. R. V. Patil (Organizational Behavior, Management. Computer Fundamentals) 6) Dr. B. S. Mali (Historical Tourism) 7) Dr. K. R. Jadhav (Geographical Tourism Centres) 8) Dr. D. J. Bhandare (Challenges in Tourism & Opportunities) 9) Dr. M. A. Patil (Tourist Ethics) 10) Dr. M. B. Potdar (Tour Planning & Tour Costing)
Name of Activity:	Six Days Certificate Course on Travel and Tourism Management

Date and Time of activity conducted: **08th to 13th February, 2021**

Number of Students/ Participant took the advantage: **23**

Short Description of Activity Conducted (Only 50 words):

The course was inaugurated by Dr. D. H. Pawar, Co-ordinator, Diploma in Travel and Tourism, Shivaji University, Kolhapur on 8th Feb., 2021. In his speech, he strongly pointed on country economy, opportunities in travel and tourism and need to individual initiative as an entrepreneur. The Presidential address was given by the Principal Dr. Vijaya R. Chavan. On the

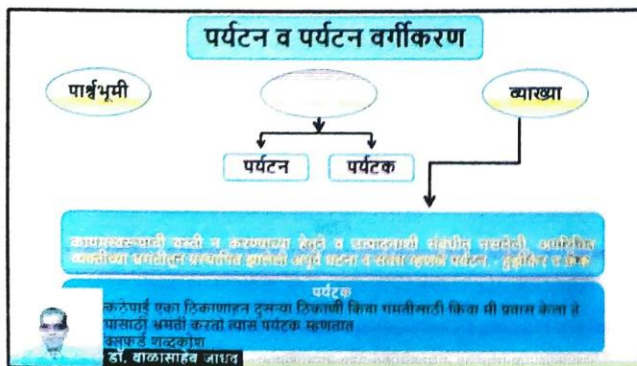
same day second and third sessions were conducted by Dr. B. S. Jadhav and he has delivered his view on Tourism and Tourism Classification.

On the second day Dr. A. N. Patil focused on Eco-tourism and Sustainable Tourism in detail in the first session. Dr. D. J. Bhandare has introduced the Challenges of Tourism in India with era and also future challenges before the tourism industry in the second session. The third session engaged by Mrs. Dr. S. M. Rajhans on Development of Tourism in Maharashtra. The third day's first and second sessions were conducted by Mr. R. V. Patil on Organizational Behaviour and Quality Management in Tourism. Dr. B. S. Mali emphasized on Historical Tourism Centres in India in third session of the same day. The fourth day of course was engaged by Dr. K. R. Jadhav and Dr. D. J. Bhandare on Geographical Tourism Centres in India and World Heritage Tourism in India respectively in the first, second and third sessions.

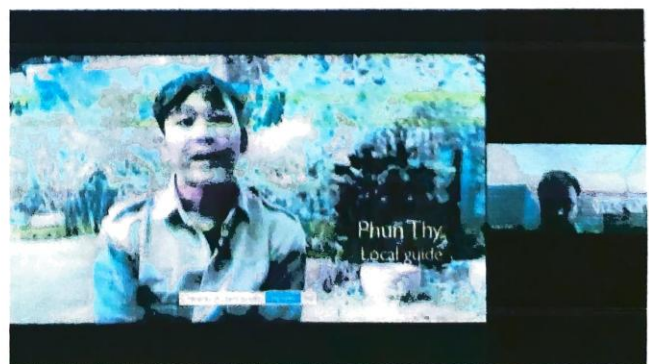
Mr. R. V. Patil has engaged first and second sessions on Computer Fundamentals in Tourism: Air Fares and Ticketing, Visa and Passport and Booking of Hotels. The third session was conducted by Dr. D. J. Bhandare on Websites in Abroad, Hitchhiking and Couchsurfing. The sixth day of the course was conducted by Dr. M. A. Patil and Dr. M. B. Potdar on Tourist Ethics in Tourism and Tour Planning and Tour costing respectively.

During the course schedule Quiz on respective subjects were taken and on the last day 50 marks examination was conducted. In this examination Miss. Poonam Patil (K. R. P. Mahila Mahavidhyalaya, Islampur) and Mr. Omkar Patil (Shri Vijaysinha Yadav College, Peth Vadgaon) hold first rank with 36 marks out of 50 marks.

Photo Plates



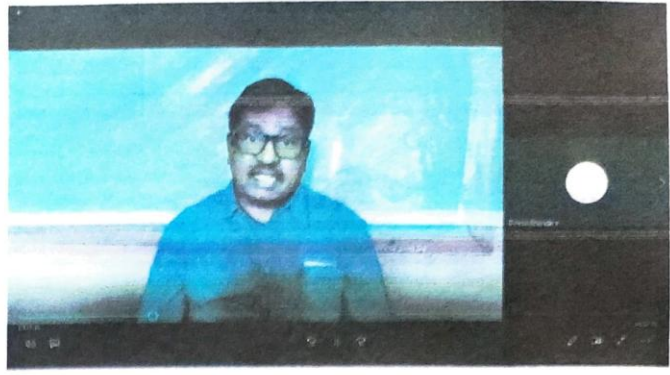
Dr. B. S. Jadhav



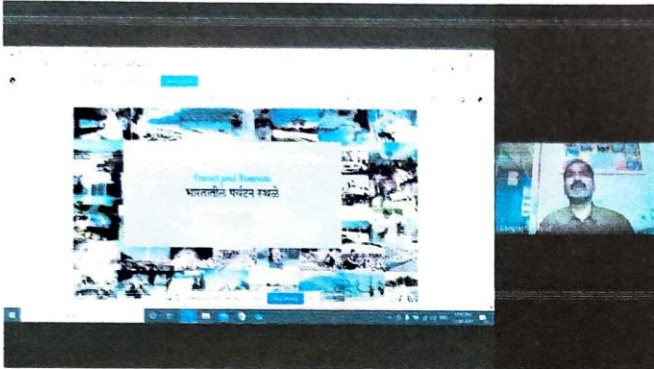
Dr. A. N. Patil



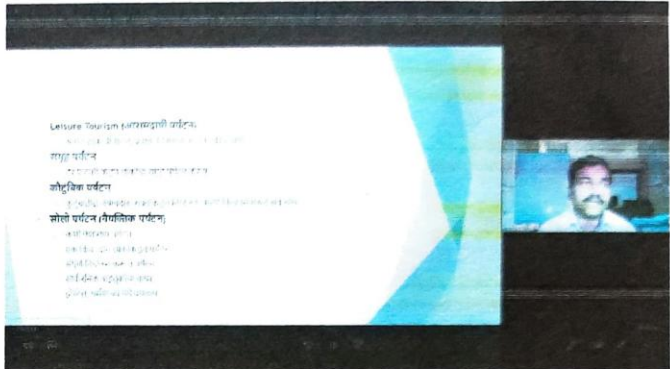
Dr. Mrs. S. M. Rajhans



Dr. B. S. Mali



Dr. K. R. Jadhav



Dr. D. J. Bhandare



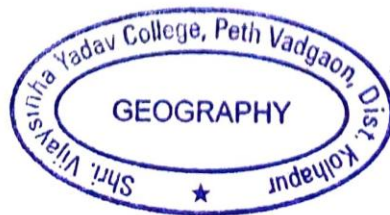
Dr. M. A. Patil



Dr. M. B. Potadar

Date of Report: 13th March, 2021

Signature of Skill Coordinator
(Dr. D. J. Bhandare)



Signature of Head of the Dept.
(Dr. B. S. Jadhav)

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



NAAC 'A' Grade
NIRF -28th Rank

SHIVAJI UNIVERSITY, KOLHAPUR-416004, MAHARASHTRA
DEPARTMENT OF GEOGRAPHY
UGC-SAP & DST FIST SPONSPRED DEPARTMENT

Office: 0231-2609194, Head: 0231 2609192

SU/PG/Geography

Date: 07/02/2021

To,
The Principal
Shri Vijaysinha Yadav College,
Peth Vadgaon, Dist-Kolhapur.

Subject: Consent to organize Six Days certificate course on Travel & Tourism
Management Department of Geography, SUK.

Ref.No. : VYMP/F-36/2018-19/802

Dear Sir,

This is great honor for us to organize six days certificate course in collaboration with Shri. Vijasinha Yadav College, Peth Vadgaon, Dist. Kolhapur. Our Department will definitely provide all the necessary help and technical support to make this workshop a great success. Once again, We are very much thankful to you for providing such a wonderful opportunity to organize this event.

With warm regards,

Yours Faithfully,


Dr. Sambhaji D. Shinde
Professor & Head
Department of Geography
Shivaji University, Kolhapur.

State Level Online virus model competition

Name of Activity: State Level Online virus model competition

Date and time of activity conducted: 04/02/2021

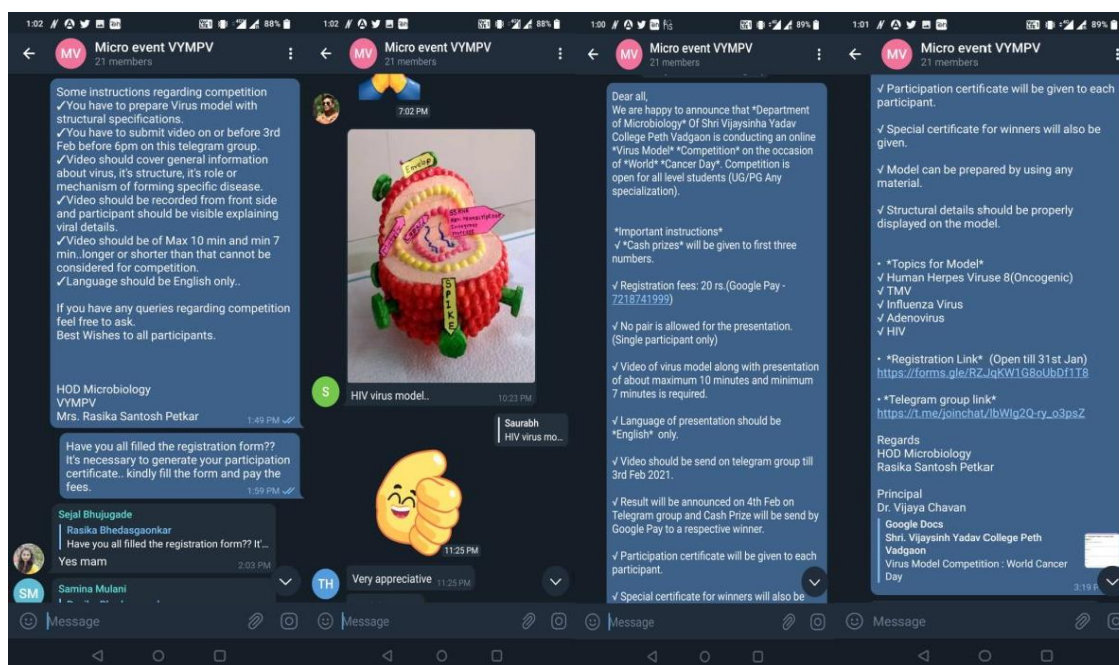
Target Group: B.sc. I, II and III year Microbiology Students

Name of Organizer: Department of Microbiology

Short description of activity conducted:

On the occasion of 'World Cancer' Day Department of Microbiology organized "State Level Virus Model Competition". The competition held virtually and first three winners were awarded with cash prizes and certificates. All the participants were also awarded with participation certificate. For the competition students of different colleges from Maharashtra were registered. **Total 31 students were registered through google form and for competition we received 12 videos of virus model along with the explanation of that virus by the student themselves.**

For the competition topic given were, Human Herpes Virus(Oncogenic), TMV, influenza Virus, Adeno Virus and HIV. Students were prepared models of given viruses and explained that virus within 7 minutes and had sent the recorded video on our telegram group which was created for easy conduction of competition. Amongst all the received video we had selected best three video and awarded those students with online certificate and cash prizes(through Google Pay).




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

Awareness Programme

Health Committee, NSS and Criterion VII Celebration of International Yoga Day

Name of Activity: Online Yoga on the occasion of International Yoga day

Date and Time of activity conducted: 21-06-2021, 07.30 to 09.00 am

Target Group: All teaching and non-teaching staff of College and NSS students

Number of Students/Teachers took the advantage: 100

Name of Organizer: Health Committee, NSS and Criterion VII.

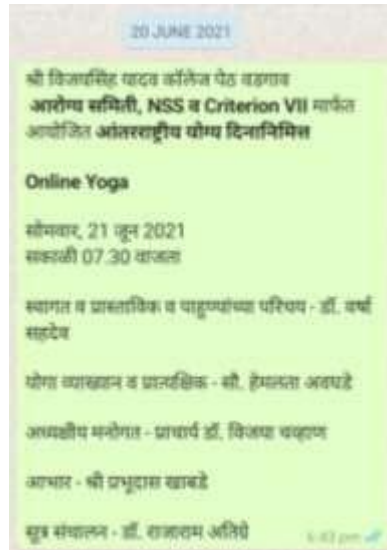
Description of activity

On the occasion of International Yoga Day – 21 July 2021, Health Committee in association with NSS and Criterion VII organized '**Online yoga**' for all teaching and non-teaching staff of College and NSS students. The programme was organized online on **Google meet** platform. **Mrs. Hemalata Awaghade - Yoga teacher from Sanjivani Yoga centre, Peth Vadgaon** delivered a talk on Yoga. She also gave a live demo of Yoga for all participants. All the participants practiced this yoga in their homes in the COVID pandemic restrictions period. **Prin. Dr. Vijaya Chavan delivered presidential speech** for the programme. She talked on the importance of yoga for healthy mind and physical fitness.

Welcome, preface and Guest's intro of the programme was given by **Dr. Varsha Sahadev**, Head, Criterion VII. Vote of Thanks was proposed by **Mr. Prabhudas Khabade**, Programme officer, NSS. The programme was anchored by **Dr. Rajaram Atigre**, Chairman, Health committee.



Notice of activity on Whatsapp



Programme schedule



Link of Activity





Demo by Mrs. Hemalata Awaghade



Presidential speech by Prin. Dr. Vijaya Chavan

Date of Report – 22-06-2021

Chairman
Health committee

Programme officer
NSS

Principal
Shri VY College, Peth Vadgaon

**Rally for cleanliness & Shramdan in Sai Temple, Peth Vadgaon
dated 9th Dec. 2020.**



Rally for cleanliness



Rally for cleanliness



Shramdan in Sai Temple



Shramdan in Sai Temple



Shramdan in Sai Temple

Programme Officer
N. S. S. Department
Shri. Vijaysinha Yadav College
Neth Vadgaon, Tal. Hatkanangale,
Dist. Kolhapur.

Programme Officer
N. S. S. Department
Shri. Vijaysinha Yadav College
Neth Vadgaon, Tal. Hatkanangale,
Dist. Kolhapur.

Training Programme

Shri Vijaysinha Yadav Arts and Science College, Peth Vadgaon

Department of Sociology

Report -2018-2019
Of

**EXTENSION ACTIVITIES /OUTREACH PROGRAMS FOR SOCIETY
ON
HEALTH AND EDUCATIONAL STUDY OF PETHVADGAON**

01)Name of Activity: -

Training for Field Work for Students

02) Theme of the Activity:

INNOVATIVE PRACTICES IN SOCIAL SCIENCES

03)Date and Time of Activity Conducted: - 05th January 2019

04) Target Group: Students and Citizens of Peth Vadgaon

05) Number of Students Involved: - 35

06)Name of Organizer: Department of Sociology

07)Name of Guide and Observers: - Dr. Sahadev Varsha
Dr.N.P. Surwase

08 Name of President of function: 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.

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

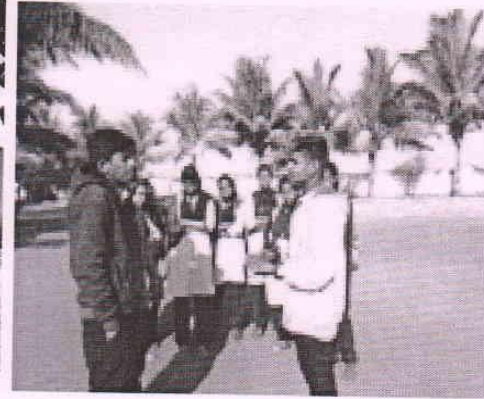
“क्षेत्र भेटीचे प्रशिक्षण अहवाल”

(Students Miner Research Project Report)


सामाजिक शास्त्राच्या विद्यार्थ्यांना विशेषतः समाजशास्त्राच्या विद्यार्थी यांना त्यांच्या करिअर घडविण्यात क्षेत्र कार्य पद्धतीचे अतिशय महत्व आहे.. शिवाय हि बाब अभ्यासक्रमा समावेश नसलेने त्याचा स्वतंत्र पणे अभ्यास करणे किंवा ते विद्यार्थी यांना शिकविणे गरजेचे आहे म्हणून

समाजशास्त्र विभागाच्या वतीने अश्या प्रशिक्षणाचे INNOVATIVE PRACTICES IN SOCIAL SCIENCES या उपक्रमा अंतर्गत नियोजन करण्यात आले होते.

सदरच्या प्रशिक्षणात विद्यार्थी यांना क्षेत्र भेट व त्यावेळी करावयाचे सर्वेक्षण -निरीक्षण आदि स्वरूपाचा कसा करायचा हे सांगण्यात आले, शिवाय त्याचा प्रत्यक्ष चाचपणी सुद्धा घेण्यात येऊन त्यांना समोर येणाऱ्या अडचणी आणि त्यावर मात करून शास्त्रीय अभ्यास कसा करायचा या विषयी प्रशिक्षण देण्यात आले. यावेळी निरीक्षक आणि मार्गदर्शक म्हणून प्रा. सुरवसे नितेश आणि डॉ.वर्षा सहदेव यांनी सहभाग घेतला. अध्यक्षीय भूमिका निसर्गध प्रभाकर यांनी पार पाडली. या प्रशिक्षणासाठी बी ए प्रथम वर्षा चे विद्यार्थी सहभागी झाले होते.




NISARGANDH PRABHAKAR


CHAVAN ASHOK
Head
Department of Sociology
Shri. Vijaysinha Yadav College
Tal. Hatkanangale, Dist. Kolhapur.

Shri Vijaysinha Yadav Arts and Science College, Peth Vadgaon

Department of Sociology

Report -2019-2020
ON

EXTENSION ACTIVITIES /OUTREACH PROGRAMS FOR SOCIETY

01)Name of Activity: -

Training of Data Analysis for Field Work Research

02) Theme of the Activity:

Use of Computer in Sociological Research

03)Date and Time of Activity Conducted: - 04th February 2020

04) Target Group: Students of B.A.

05) Number of Students Involved: - 27

06)Name of Organizer: Department of Sociology

07)Name of Guide and Observers: - Dr. Nisargandh Prabhakar

08 Name of President of function: Mr.Chavan A.S.

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

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

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

“क्षेत्र भेटीचे प्रशिक्षण अहवाल”

(Students Miner Research Project Report)

सामाजिक शास्त्राच्या संशोधना मध्ये तथ्य संकलना नंतर त्या तथ्याचे वर्गीकरण आणि विश्लेषण सारणीकरण व आकृत्या ई बाबी पूर्ण झाल्या शिवाय संशोधन पूर्णहोत नाही . वर्तमान जग हे तांत्रिक युगा बरोबरच ज्ञाना च्या विस्फोटा चे जग मानले जाते त्या मध्ये संगणकाचा सिंहाचा वाटाआहे. म्हणूनच वर्तमान काळातील सामाजिक तथ्याची मांडणी करतांना संगणकाचा वापर अपरिहार्य आहे. हि बाब अभ्यासक्रमात समावेश नसलेने त्याचा स्वतंत्र पणे अभ्यास करणे किंवा ते


विद्यार्थी यांना शिकविणे गरजेचे आहे म्हणून समाजशास्त्र विभागाच्या वतीने अश्या
प्रशिक्षणाचे Use of Computer in Sociological Research

या उपक्रमा अंतर्गत नियोजन करण्यात आले होते.

सदरच्या प्रशिक्षणात विद्यार्थी यांना क्षेत्र भेट व त्यावेळी करावयाचे सर्वेक्षण -निरीक्षण
आदि चे नोंदी चे स्वरूप सांगण्यात आले, शिवाय संगणकाचा वापर आणि तथ्याचे वर्गीकरण आणि
त्याचे परिणाम कसे काढायचे याची प्रत्यक्ष चाचपणी सुद्धा घेण्यात येऊन त्यांना समोर येणाऱ्या
अडचणी आणि त्यावर मात करून शास्त्रीय अभ्यास कसा करायचा या विषयी प्रशिक्षण देण्यात
आले. यावेळी निरीक्षक आणि मार्गदर्शक म्हणून डॉ निसर्गंध प्रभाकर यांनी योगदान दिले
तर;अध्यक्षीय भूमिका मा. अशोक चव्हाण यांनी पार पाडली. या प्रशिक्षणासाठी बी ए I,II,आणि
IIIचे वर्षा चे विद्यार्थी सहभागी झाले होते.




NISARGANDH PRABHAKAR


CHAVAN ASHOK
Head
Department of Sociology
Shri. Vijaysinha Yadav College
Tal. Hatkarwale, Dist. Kolhapur.

Student Exchange Programme

Shri. Vijaysinha Yadav College, Peth Vadgaon

Department of English

Title: Students Exchange Programme Under MoUCollege

Name: Gopal Krishna College, Kolhapur Level: College Level

Platform: Offline

Stakeholders: 16

Date: 12th December, 2018

Time: 11.00 am to 02.00 pm

Participants Person: Dr. Chandrakant Chougule,
Head, Department of English,
Gopal Krishna Gokhale College,
Kolhapur
And Students of English Department

Details:

The students of Shri. Gopal Krishna College, Kolhapur visited our college to see the language lab facility, library facility and teaching-learning processed conducted in the college.





Place: Peth Vadgaon

Date: 03/09/2020



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

Bird Census

Department of Zoology

Name of Activity: Bird Watching and Bird Census

Date and Time of activity conducted: 22 September 2019, 06.30 to 09.30 am

Target Group: B. Sc. Students

Number of Students/Teachers took the advantage: 65

Name of Organizer: Department of Zoology

Name of the Resource Person: Mrs. Chitkala Kulkarni, Ichalkaranji

Mr. Nilesh Gharse, Peth Vadgaon

Nature Lovers group, Peth Vadgaon

Short Description of Activity Conducted:-

Department of Zoology in association with 'Nature Lovers group, Peth Vadgaon' organized Bird identification, watching and census for 'B' group students of B. Sc. at Mahalaxmi Talav, Peth Vadgaon. Total 65 students of B. Sc. I, II and III participated in the function. Mrs Chitkala Kulkarni, Ichalkaranji, Mr. Nilesh Gharse, Mr. Ranjit Patil, Mr. Abhijeet Kothavale and other members of 'Nature Lovers group, Peth Vadgaon' participated in the function and guided the students for bird observation. All the resource persons informed the students about how to observe the birds? How to identify them? How to make field notes? etc. Total 45 birds were identified by the students with the help of all resource persons. Dr. Rajaram Atigre Head, Dept. of Zoology organized the function.

PO's and PSO's covered

Sr. No.	Programme Specific Outcome
PSO 3	Awareness of natural resources and environment
PSO 5	Life science as a career, which is the need now-a-day
PSO 9	Interests in the subject
PSO 10	Enhancement of scientific attitude & scientific hobbies
PSO 11	Abilities to apply scientific methods, collection of scientific data,



Green Pigeon - State bird of Maharashtra



Baya - Constructing its nest



White breasted Kingfisher



Black Ibis



Students at Mahalaxmi Talav, Peth Vadgaon

Coordinator

Principal

Article Writing

Shri. Vijaysinha Yadav College, Peth Vadgaon

Department of English

Publication of Vision

Title: Publication of Vision online Journal.

Level: College

Platform: Online

Stakeholders: All the students

Date: 8th Feb. 2020

Time: 11.00.a.m

Resource Person: 1. Prof. Abhijeet Manav,
Director,
Excel Training Centre,
Peth Vadgaon, Dist: Kolhapur

2. Prof. Amit Manav,
Assistant Director,
Excel Training Centre,
Peth Vadgaon, Dist: Kolhapur

Details:

The magazine consists of the articles written by students was publish.




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

Participative Learning

Webinars

Shri Vijaysinha Yadav Arts & Science College, Peth Vadgaon

DEPARTMENT OF PHYSICS

Name of Activity: National Webinar on “ Online Teaching, Learning and Cyber Security”

Date and Time of activity conducted: 02nd August 2020

Target Group: Student, teachers and Local Public

Number of Students Involved: 353 (more than 1000 view on You tube)

Name of Organizer: Department of Physic, Shri Vijaysinha Yadav College, Pethvadgaon

Chief Guest of the Function: Mrs. Varsha P. Desai,
Assistant Professor, Department of Computer Science, V. P. Institute of Management Studies and Research, Sangali

Short Description of Activity Conducted:

As we all know that due to COVID-19 pandemic all the Universities, colleges, and even schools all over the world are moving rapidly to online teaching and learning to curtail the spread of COVID-19 and this exposes all these educational institutes to a greater risk of cybercrime. There are so many examples of school, colleges have fall on victim to cyber-attacks. We think cybercrime is a real issue for business, but there are several risks specific to school and colleges.


Cyber security has become a world problem today due to which not only corporate, even Smartphone users are exposed to threats. Now a day, our dependency on cyberspace is increasing exponentially with our constant adaptation of digital services, tools, and applications, and we know that the weakest link in cyber security, it's often said is human. An individual has increasingly become the target of a cyber attack


In this workshop resource person Mrs. Varsha P. Desai madam aware about the entire participant about the different cyber threats that can be happen with anyone using cyber space. Madam also suggest the settings that must be done in Google meet, Zoom meeting app, and other social networking sights to protect ourselves form cyber attack.

Live streaming of this workshop is done through YouTube. A recorded Google meeting video is uploaded on college YouTube channel. Link for this is given below.

https://www.youtube.com/watch?v=1RMGo2h_P5Q


Shri Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur




 **LIVE WEBINAR**

You're Invited to Join
**Online Teaching, Learning
& Cyber Security**

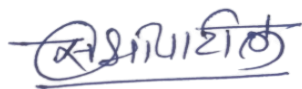
WEDNESDAY | SEPT 02 | 02 PM



Mrs. Varsha P Desai
Prof. in Comp. Science

 <https://forms.gle/.TVTfw9mUAq53taT67>

Organised by
Department of Physics, Shri Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur. 416112



Signature of Organizer



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

Various Competitions

Department of Zoology, Botany & Microbiology

Inter-departmental Activity 2017-18

Name of Activity: **Life Science Carnival**

Date and Time of activity conducted: **23 January 2018, 09.30 am onwards**

Target Group: **B. Sc. Students**

Number of Students took the advantage: **150**

Name of Organizer: **Department of Zoology, Botany & Microbiology**

Name of the Resource Person: **Dr. Sudhir Ingale, Asso. Professor and Ex Director,
Students Welfare, Shivaji University, Kolhapur**

Short Description of Activity Conducted:-

The department of Zoology, Botany & Microbiology jointly organized '**Life Science Carnival**' on Tuesday, 23-01-2018. In this carnival the students of B. Sc. III of all three departments worked as Volunteers and arranged following competitions.

- i. **Animal sketching / painting** (Dept. of Zoology)
- ii. **Wildlife photography** (Dept. of Zoology)
- iii. **Floral Rangoli** (Dept. of Botany)
- iv. **Bouquet presentation** (Dept. of Botany)
- v. **Microbial cartoon sketching** (Dept. of Microbiology)
- vi. **Microbial poem reading** (Dept. of Microbiology)

These competitions were organized for students B. Sc. I, II and III. For all competitions huge response was seen from the students. All the competitions were inaugurated by the auspicious hands of Dr. Sudhir Ingale, Asso. Professor and Ex Director, Students Welfare, Shivaji University, Kolhapur. The winners were felicitated in the special programme conducted on Tuesday; 06-02-2018. For this function the members of BOS in respective subjects were present and they delivered lectures on different topics of respective subjects on this occasion.

The function was successfully organized due to the heartfelt cooperation of faculty and T. Y. B. Sc. students from all three departments. Mr. Adinath Dabade, Aashpak Bagwan, Lab attendants of Zoology, Mr. Vijay Naik, Lab attendant of Botany and Mr. Anil Ghabak, Lab attendant of Microbiology also helped a lot for successful organization of this function.

PO's and PSO's covered

Sr. No.	Programme Specific Outcome
PSO 1	Acquisition of knowledge of animal science to the pupils
PSO 3	Awareness of natural resources and environment
PSO 6	Applications of scientific principles for organization of scientific exhibitions and competitions
PSO 7	Presentation skills and confidence in students
PSO 9	Interests in the subject
PSO 10	Enhancement of scientific attitude & scientific hobbies
PSO 11	Abilities to apply scientific methods, collection of scientific data, problem solving, Research Paper Writing, etc
PSO 12	Appreciation of the subject, contributions of scientists, scientific methods, scientific programs, etc







Date of report: - 25-01-2018

Head,
Dept. of Zoology

Head,
Dept. of Botany

Head,
Dept. of Microbiology

Principal
Shri V. Y. College, Pethvadgaon

Book Exhibition




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



- 5 DEC 2021
- 6 DEC 2021

Dr. Babasaheb Ambedkar
Mahavidyalaya
Peth Vadgaon

1) SHWETA PRAKASH GAYAKAWAD	BA II	9:30	9:30	Shweta
2) Rajunke Koshel	BA II	9:30	9:30	Rajunke
3) Shivani Kumbhe	BA II	9:30	9:30	Shivani
4) Anjali Vilas Jadhav	12 th	9:15	10:15	Anjali
5) Pranali Anil Koli	12 th	9:00	10:00	Pranali
6) Suraj Shivaji Yadev	BSc-I	12:30	1:30	Suraj
7) Amit Anil Kadam	BSc-II	12:30	1:30	Amit
8) Sourabh Arun Nongare	B.Sc.III	1:00	1:45	Sourabh

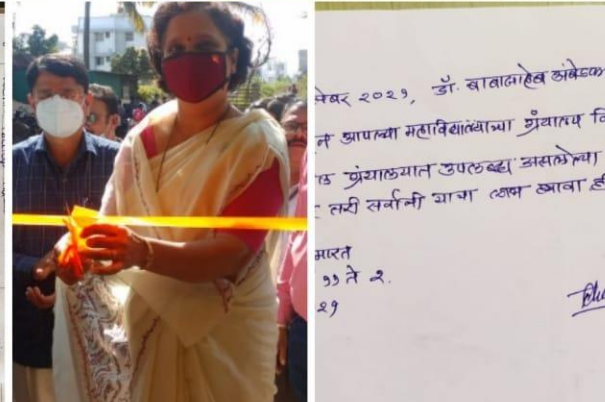
श्री विजयसिंह यादव कला व विज्ञान महाविद्यालय पथ वडगाव
दि. ६/१२/२०२१ आजचे कार्यक्रम वेळ १०.४५ वा

भारतरत्न
डॉ. बाबासाहेब आंबेडकर
यांच्या ६५ व्या मरणपरिनिर्वाण दिनाभिहित
प्रतिमा वंदन, ग्रंथप्रदर्शन व
निबंध लेखन स्पर्धा

1) Dhanraj...	...	...	...	...
2) Shivani...	...	...	...	...
3) Shivani...	...	...	...	...
4) Anjali...	...	...	...	...
5) Pranali...	...	...	...	...
6) Shivani...	...	...	...	...
7) Suraj...	...	...	...	...
8) Amit...	...	...	...	...
9) Sourabh...	...	...	...	...

- 6 DEC 2021

1) Shivani...	...	...	...	...
2) Shivani...	...	...	...	...
3) Shivani...	...	...	...	...
4) Anjali...	...	...	...	...
5) Pranali...	...	...	...	...
6) Shivani...	...	...	...	...
7) Suraj...	...	...	...	...
8) Amit...	...	...	...	...
9) Sourabh...	...	...	...	...



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

Granth Dindi



Vachan katta




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

Pictorial Exhibition






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

Photography Competition

Activity report 2020-21

Name of Activity *State level Butterfly photography*

competition (राज्यस्तरीय फु लपाखरू फोटो स्पर्ा)ा

Date and Time of activity conducted: 01-10-2020 to 07-10-2020

Target Group: Open to all

Number of participants: Online Registered Participants - 160

Participants who sent photo - 102

Participants as per rules of competition - 65

Name of Organizer: **Department of Zoology**

Shri Vijaysinha Yadav College, Peth Vadgaon

Organized on the occasion of Wild Life Week October 2020

Department of Zoology organized State level Butterfly photography competition during 01-10-2020 to 07-10-2020 on the occasion of Wildlife week 2020 in association with Department of Botany and Microbiology. Total 160 participants registered for the competition in online mode on Google docs' platform out of which 102 participants from all over the Maharashtra send their photos. All the photos were assessed by a team of experts and found that 65 photos were as per the rules off the competitions. Photos of following participants were selected as per their order of merit

Sr. No.	Name off the participant	Address	Prize
1	Miss Snehal Kale,	Shivaji University Kolhapur	First
2	Samihan Pujari	College of Horticulture, Kadegaon	Second
3	Shaikh Afshairam	Nutan Mahavidyalaya, Selu Dist. Parbhani	Second
4	Suyog Kumbhar	Surupali, Dist. Kolhapur	Third
5	Kedar Manjare	Adarsh Gurukul Vidyalaya va Jr. College, Peth Vadgaon	Third
6	Akshay Bodake	Pimpari, Pune	Consolation
7	Dr. Prakash Lalpotu,	Basmathnagar, Hingoli	Consolation
8	Lipne P. B.	Selu, Parbhani	Consolation
9	Pallavi Pisal,	Akluj	Consolation
10	Trupti Patil,	Wathar, Kolhapur	Consolation

First prize



Miss Snehal Kale, Shivaji University Kolhapur

Second Prize



**Samihan Pujari
College of Horticulture, Kadegaon**



**Shaikh Afshairam
Nutan Mahavidyalaya,
Selu Dist. Parbhani**

Third Prize



Suyog Kumbhar
Surupali, Dist. Kolhapur



Kedar Manjare
Adarsh Gurukul Vidyalaya va Jr. College,
Peth Vadgaon

Consolation Prizes



Akshay Bodake
Pimpari, Pune



Dr. Prakash Lalpotu,
Basmathnagar, Hingoli



Lipne P. B. Selu, Parbhani



Pallavi Pisal, Akluj



Trupti Patil, Wathar, Kolhapur

Photos of all other participants



Ashish Patil, Miraj, Sangli



Amar Mali, Bedag, Sangli



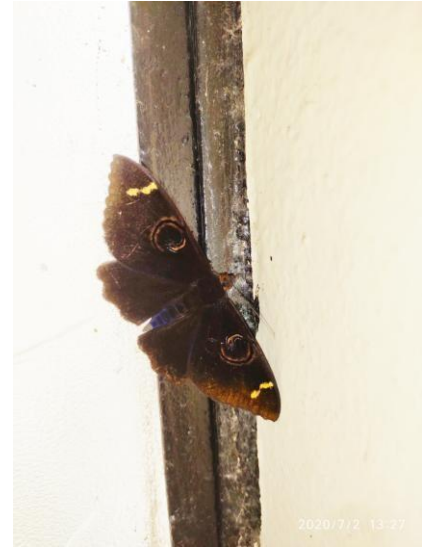
Ammisha Khatal, Bedag, Sangli



Amruta Bhosale, Sangvi, Pune



Anmol Kamble, Jaysingpur, Kolhapur



Arshad Shaikh, Miraj, Sangli



Ashitosh Magdum, Gadmodshingi, Kolhapur



Ashlesha Patil, Khochi, Kolhapur



Bapu Madane, Bhadole, Kolhapur



Gourav Rane, Jainapur, Kolhapur



Manoj Choukhande, Jangalgi, Solapur



P. R. Koli, Solapur



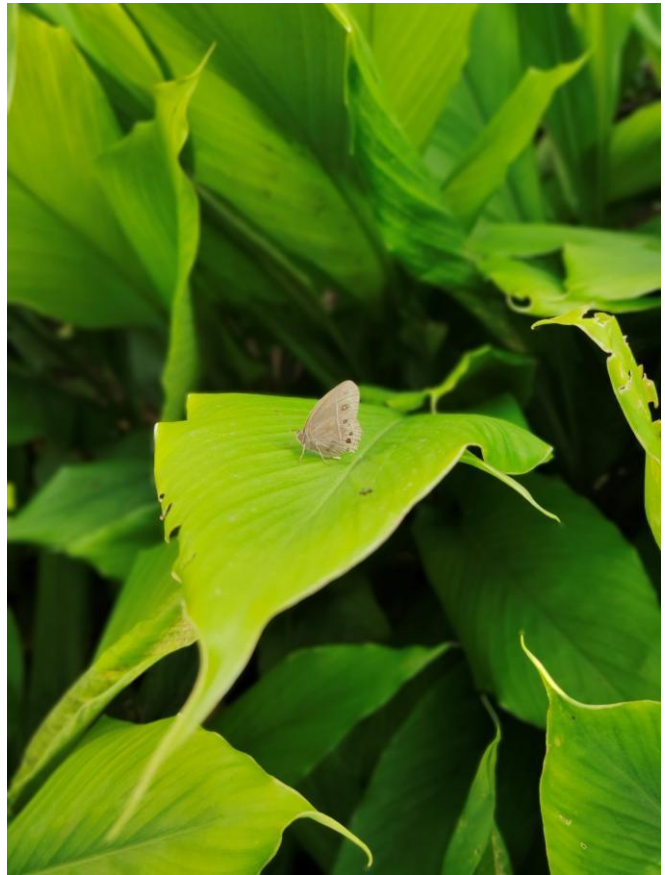
Dr. Jyoti Chavan, Kolhapur



Dr. Lata Bhopale, Kolhapur



Mayuri Sawar, Belanki



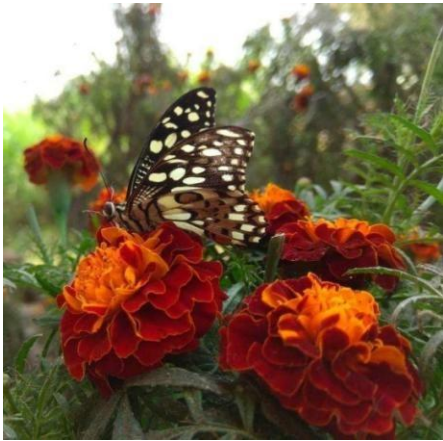
Neha Patil, Hosur, Chandgad, Kolhapur



Netranjali Mohite, Kavlapu Sangli



Nikita Jadhav, Islampur, Sangli



Nivedita Patil, Bhadole, Kolhapur



Mayuri Patil, Nesari, Kolhapur

Payal Patil, Kolhapur

Pradip Chougule, Narande, Kolhapur

Head,
Dept. of Zoology

Principal
Shri V. Y. College, Peth Vadgaon

Date of report: 19-10-2020

Poster Presentation

Dept. of Zoology & Botany

Celebration of Darwin's Birth Anniversary

Name of Activity: **National online poster presentation competition**

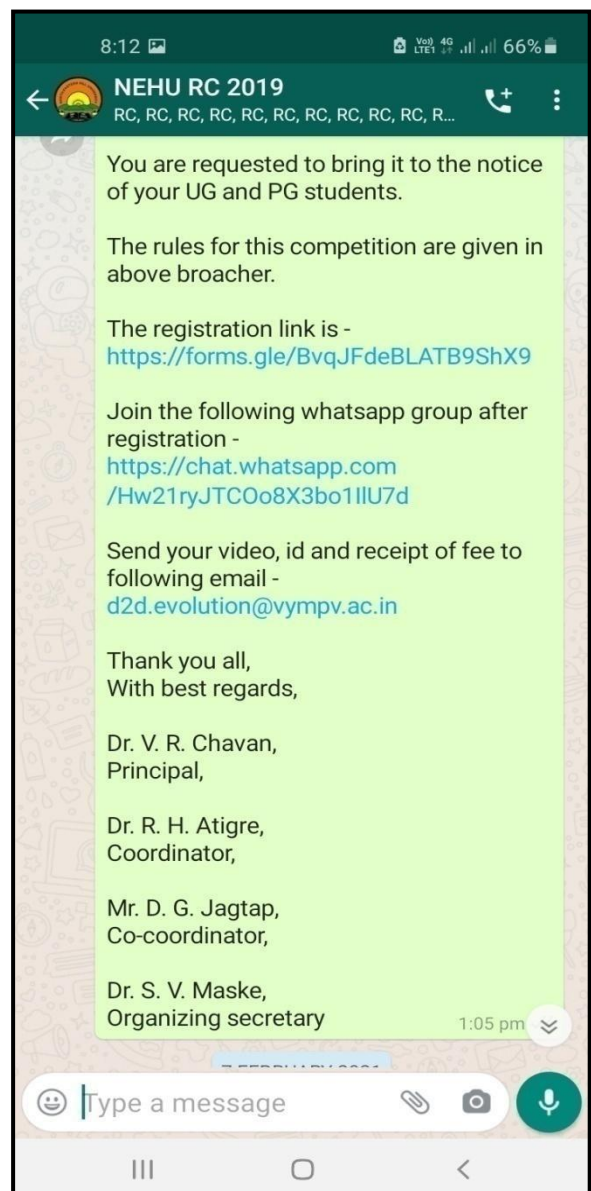
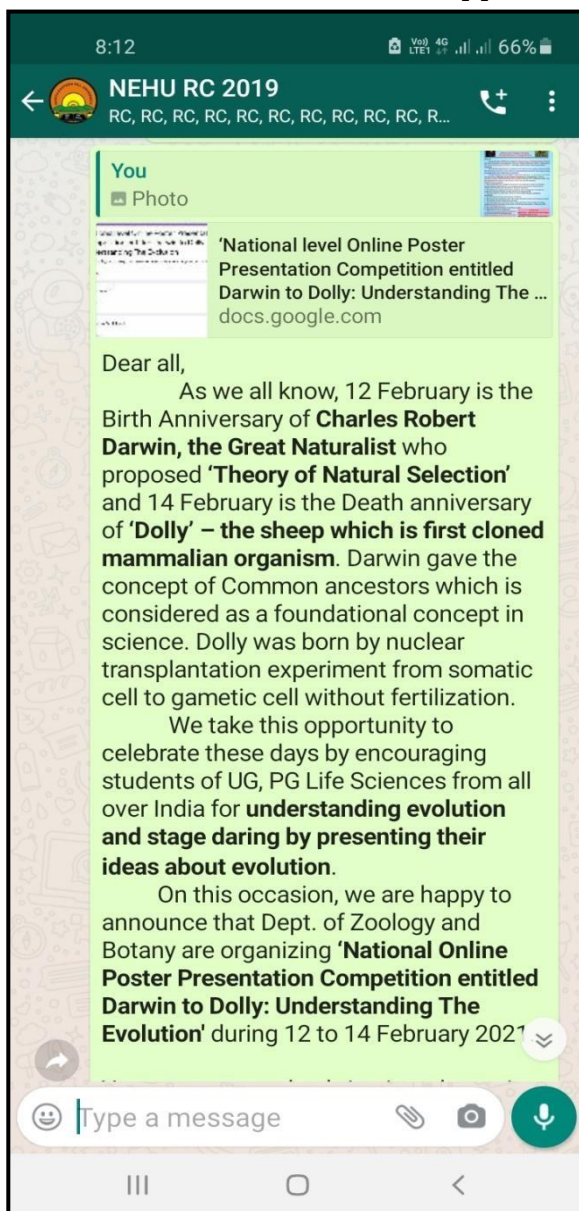
Date and Time of activity conducted: **12 to 14-02-2021**

Target Group: **UG, PG, Life sciences students all over India**

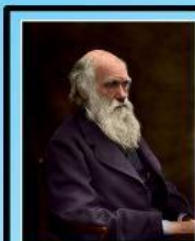
Number of Students/Teachers took the advantage: **25**

Name of Organizer: **Dept. of Zoology**

On the occasion of **Birth Anniversary of Charles Robert Darwin - great naturalist and Death Anniversary of Dolly sheep - first mammal cloned from an adult somatic cell**, Zoology department organized **National online poster presentation competition** entitled, "**Darwin to Dolly: Understanding evolution**". The broacher & message of this competition was spread to the students of life sciences all over India via Whatsapp and Telegram groups.



Shri Shahu Shikshan Prasarak Seva Mandal's
Shri Vijaysinha Yadav College, Peth Vadgaon, Dist. Kolhapur, (MS)
Affiliated to Shivaji University, Kolhapur



Darwin to Dolly Understanding The Evolution

12 to 14 February 2021

National Online Poster Presentation Competition



Dear all,

As we all know, 12 February is the **Birth Anniversary of Charles Robert Darwin**, the Great Naturalist who proposed 'Theory of Natural Selection' while 14 February is the **Death anniversary of 'Dolly'** – the sheep which is first cloned mammalian organism.

We take this opportunity to celebrate these days by encouraging students of UG, PG Life Sciences from all over India for **understanding evolution and stage daring by presenting their ideas about evolution.**

On this occasion, we are happy to announce that **Dept. of Zoology and Botany** are organizing '**National Online Poster Presentation Competition**' entitled **Darwin to Dolly: Understanding The Evolution** during 12 to 14 February 2021. You are requested to bring it to the notice of your UG and PG students.

Rules for participation:

1. Each participant has to prepare one poster of any existing concept, any existing biotechnological development, or any organism from life sciences mentioning its relation with evolution (on card sheet or flex print (any size).
2. Participant has to explain this poster making a video of minimum 4 minutes and maximum 5 minutes. The size of video should not exceed 20 MB.
3. The participant can take help of his/her teacher (**who will get a guidance certificate**).
4. All participants will get participation certificate.
5. The fee for this competition is Rs. 100/- which should be send to the following account.
6. The winners will get cash prizes as follows.
7. The participant has to send this video, along with photo of his id card of institute/ college and photo of receipt of fees paid on following email before 14 February 2021.

d2d.evolution@vympv.ac.in

8. The result will be declared on 20 February 2021.

9. Registration link for competition

<https://forms.gle/BvqJFdeBLATB9ShX9>

10. Join the following whatsapp group

<https://chat.whatsapp.com/Hw2lryjTCOo8X3bo1IU7d>

Prizes

- ✓ First Prize – Rs. 1001/- and Certificate
- ✓ Second Prize – Rs. 701/- and Certificate
- ✓ Third Prize – Rs. 501/- and Certificate

Bank Details

- ✓ Bank name - RBL Bank, Branch Peth Vadgaon, Dist. Kolhapur PIN - 416112
- ✓ Ac. Name – Principal, Shri Vijaysinha Yadav Art's & Scince College, Peth Vadgaon
- ✓ Ac. No. – 1000612010000516
- ✓ IFSC – RATN0000006
- ✓ MICR – 416176010

Organizing Committee

Dr. S. V. Maske
Organizing Secretary

Mr. D. G. Jagtap
Co-Coordinator

Dr. R. H. Atigre
Coordinator

Prin. Dr. V. R. Chavan
Convenor

The students were requested to register through Google form. They were asked to join the Whatsapp group and send the videos of poster presentation along with id of their college and receipt of fees paid on the email given in the broacher.

Twenty five students from all over India participated in the competition. They paid the fees online and send the videos of poster presentation on the theme of competition through the e mail.

Sr. No.	Name of Participant	Name of College	Title of poster	
1	Tripathi Srushti	BNS Science College (Autono.), Sangamner	Human Finger Evolution	
2	Aazmi Layeba	NSC Science College, Nashik Road	Evolution of Birds	
3	Patil Kiran S.	Jaysingpur College, Jaysingpur	Organic Evolution	
4	Banne Rutuja		Evolution of Human	
5	Patil Pradnya		Miller & Urey's Experiment	
6	More Utkarsha		Darwin's Finches	
7	Sahebwale Tayabba		Secondary sexual characters in Amphibia & Reptilia	
8	Dhanawade Rutvika		Evolution of Man	
9	Pandare Kranti		The growth of Hominoid cranial capacity	
10	Pawar Pournima B.		Dr. Tanajirao Chorage College, Nandwal	Evolution – Birds from Reptiles
11	Dhere Vikas		Shri Yashwantrao Patil Science College, Solankur	Cloning techniques
12	Shinde Ankita Arun	Balwant College, Vita	Ancient Indian sculpture and modern Biotechnology	
13	Bhosale Swapnali	DKASC College, Ichalkaranji	Basis of Evolution	
14	Kurane Sudha N.	Shri Vijaysinha Yadav College, Peth Vadgaon	Variation in beak of finch birds: A cause of evolution	
15	Patil Rajnandini M.		Evolution of Horse	
16	Hujare Akshata R.		Evolution of Archaeopteryx	
17	Patil Poonam S.		Living Fossil - Sphenodon	
18	Giri Apurva C.		Limulus - Living Fossil	
19	Mali Anjali R.		The theory of Evolution	
20	Patil Aarti A.		Evolution of Elephant	
21	Maner Samina I.		Evolution in Peppered moth	
22	Dhanawade Komal S.		Types of Fossils	
23	Thorvat Shweta D.		Fossils – Evidences of Evolution	
24	Suryawanshi Rutuja R.		Co-evolution	

All the posters were examined by a team of experts and following winners were selected.

Sr. No.	Name of Participant	Name of College	Prize
1	Pradnya Patil	Jaysingpur college Jaysingpur	First
2	Rutuja Suryawanshi	Shri Vijaysinha Yadav College Peth Vadgaon	
3	Swapnali Bhosale	DKASC College Ichalkaranji	Second
4	Aarti Patil	Shri Vijaysinha Yadav College, Peth Vadgaon	
5	Srushti Tripathi	Sangamner autonomous College, Sangamner	Third
6	Pournima Pawar	Dr tanajirao charge college, Nandwal	

The amount of prize of each winner was sent through NEFT to their bank accounts.

Date of Report - 03-03-2021



Dr. S. V. Maske
Organizing secretary



Mr. D. G. Jagtap
Co-coordinator
Head, Botany



Dr. R. H. Atigre
Coordinator
Head, Zoology



Dr. V. R. Chavan
Principal

Quiz

Shri Vijaysinha Yadav Arts & Science College, Peth Vadgaon

DEPARTMENT OF PHYSICS

Name of Activity: Online General Knowledge Quiz 2k19

Date and Time of activity conducted: 23th August 2019

Target Group: All B.Sc. Students of the College

Number of Students Involved: 180 Students from B. Sc.

Name of Organizer: Mr. Sandip S. Patil

Head, Department of Physics,

Chief Guest of the Function: Prin. Dr. Vijaya Chavan

Short Description of Activity Conducted:

Department of Physics was organized a online General Knowledge Quiz on 29th August 2019. We used kahoot website platform for this quiz. We uploaded 15 kahoot on it. In this quiz competition first kahoot is played for all faculty member along with Principal Dr. Vijaya Chavan and the winner of this first kahoot was Principal Dr. Vijaya Chavan. Afterwards 12 kahoot are played for 12 groups of 15 students in each group. Winner of these 12 kahoot was played for final kahoot form which three winners are chosen.



Introductory Speech By Mr. Sandip Patil



Students involved in Quiz

Signature of Organizer

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

Carrere Orientated Course (COC)

Name of Activity: **Inaugural Function of COC in Spoken English and Vijaywant Film Society**

Date and Time: **16-08-2018 (10.00 am to 12.00 pm.)**

Target Group: **Arts and Science faculty students**

Venue : **Seminar Hall, Shri Vijaysinha Yadav Arts and Science College.**

Name of Organizer: **Department of English**

Name of Resource Person: **Chief Guest: Dr. A. M. Sarwade**

Head, Department of English, SUK

Guest of Honour: Dr. Y.B.Gonde

Principal, Shankarrao Jagtap Arts & Commerce College, Wagholi

Details of the Event:

Department of English successfully runs a COC in Spoken English since 2016 sponsored by UGC, New Delhi. For the academic year 2018-19, the inauguration of the course was performed by the auspicious hands of Dr. A. M. Sarawade and in presence of Dr. Y. B. Gonde.

The department has initiated an innovative activity of screening classical movies for the students under the “Vijaywant Film Society” in association with Federation of Film Societies of Western Region, Mumbai.



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

Guest Lecture

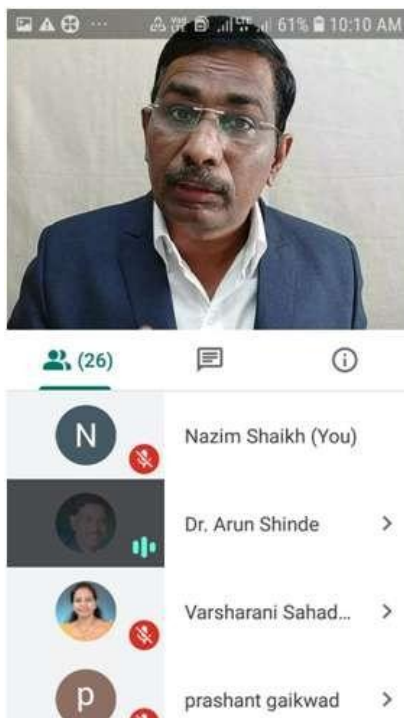
Shri Vijaysinha Yadav College, Peth Vadgaon

Department of Hindi

Name of Activity	:	Organized a Lecture
Dated & Time Of Activity conducted	:	10/08/2021, 10:00 to 11:00 a.m.
Target Group	:	B.A.I., II., III.
Number of Students took the Advantage	:	27
Name of Organiser	:	Dr. N. I. Shaikh Dr. V. Sahadev
Name of the Resourse Person	:	Dr. Arun Shinde, Night College, Kolhapur.

Short Description of Activity :

Dr. Arun Shinde expressed his views about job of opportunities in various sectors of society. He also said that the learners of language for great future in the post pandemic world. He says so many job opportunities in language field just like Announcer, Translator, Teacher, Guide, Dialogue writer, News writer etc.



Organizer

Principal

Shri Vijaysinha Yadav Arts and Science College, Peth Vadgaon

Department of sociology

Report -2016-17

on

EXTENSION ACTIVITIES /OUTREACH PROGRAMS FOR SOCIETY

01)Name of Activity: - Guest Lecture

02) Theme of the Activity: ICT use in Higher Education

03)Date and Time of Activity Conducted: -

17th March 2017, Time: 11:15am to 12:45pm

04) Target Group: B.A.-I- and II-year students (sociology and STD)

05) Number of Students Involved: - 46

06)Name of Organizer: Department of Sociology

07)Name of the Resources Person: -

Mr. Vishwas Khade (RIIT,Pethadgaon)

08) President of the Function: - Nisargandh Prabhakar

09) PO: To develop rational and scientific approach among the students

10)PSO: I) To understand all latest concepts in Science Technology and

Development in brief but in adequate manner

II) To develop the employment and Entrepreneurship Skills

"अतिथींचे विशेष मार्गदर्शन पर व्याख्यान अहवाल"

(Gast Lecture Report)

विद्यार्थ्यांमध्ये संशोधन जाणीव जागृती विकसित व्हावी, त्यांना विविध सामाजिक जीवनात विज्ञान-तंत्रज्ञान ची माहिती प्राप्त व्हावी या उद्देशाने," व्याख्यान (गेस्ट लेक्चर) उपक्रमांतर्गत आयोजित केलेल्या व्याख्यानाचा अहवाल पुढील प्रमाणे:

दिनांक १७ मार्च २०१७ रोजी सकाळी ११:१५ ते ०१:१५ या वेळेमध्ये या ICT use in Higher Education वर मार्गदर्शन करण्यासाठी मा. विश्वास खाडे" यांचे विशेष मार्गदर्शन पर व्याख्यान संपन्न झाले. सदर व्याख्यानाचा लाभ बीए भाग ०१ आणि ०२ च्या विद्यार्थ्यांनी घेतला.

यावेळी वर्तमान शिक्षण पद्धती हि विज्ञान आणि तंत्रज्ञान शिवाय पूर्ण होऊ शकत नाही विशेषतः ICT हे साधन अवगत केल्या शिवाय विद्यार्थी रोजगार आणि व्यवसाय च्या संधी प्राप्त करणे कठीण आहे त्यामुळे विद्यार्थी नी या साठी विशेष प्रयत्न करणे गरजेचे आहे.

कार्यक्रमाच्या अध्यक्षस्थानी सहाय्यक प्राध्यापक अशोक चव्हाण सर होते. कार्यक्रम आयोजनासाठी बी.ए. प्रथम-द्वितीय वर्षांचे विद्यार्थी यांनी विशेष प्रयत्न केले.



Nisargandh P.R.

Chavan A.S.

Head
Department of Sociology
Shri. Vijavsinha Yadav College
Tal. Hatkanangale, Dist. Kolhapur.

Students Seminars

Department of Physics

Shri Vijaysinha Yadav College, Pethvadgaon

Student Centric Activity: Student Seminars

Every year department of Physics organizes Seminar activity for the last year students. Each student carried out one seminar per semester.

Objectives

1. Most of the young graduates lack the confidence and fluency while interacting verbally. 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.



Mr. Sandip S. Patil
Head

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

Vijaysinha Yadav Arts and Science College, Pethvadgaon

Department of Physics

Class: B.Sc. III

Seminars

Year: 2018-19

Roll No.	Name of Students	Name of Teacher (for guidance)	Seminar I	Seminar II
1201	Bhosale Rohit S.	Miss. Patil J.L.	Surface Tension	Solar energy
1202	Chalke Aniket K.	Miss. Patil J.L.	Gravitation	Radar system
1203	Jagtap Sneha C.	Dr. Pawar S. J.	Interference of light	Semiconductor materials
1204	Khade Nikita S.	Dr. Pawar S. J.	Diffraction	Satellite communication
1205	Naikawadi Supriya N.	Dr. Patil S. S.	LASER system	X - rays
1206	Palkar Pratiksha R.	Mr. Sutar A. S.	Solar Cell	Scintillation counter
1207	Parit Pratik Y.	Mr. Sutar A. S.	Superfluity of helium	Introduction to GIS
1208	Patane Avinash A.	Mr. Patil S. S.	Electromagnetic wave	Wind energy
1209	Patil Pallavi B.	Miss S. B. Dhavale.	Photovoltaic Cell	Willson cloud chamber
1210	Patil Pruthviraj P.	Miss S. B. Dhavale	Electromagnetic Spectrum	Thermodynamics
1211	Patil Vinayak S.	Mr. Patil S. S.	Symmetry elements of a cube	Nanoparticals
1212	Shaikh Jasmin D.	Mr. Patil S. S..	Solar Energy	Accelerators
1214	Sutar Nikita V.	Dr. S. J. Pawar	Raman effect and Spectorscopy	Fiber optics


Head

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

Vijaysinha Yadav Arts and Science College, Pethvadgaon

Department of Physics

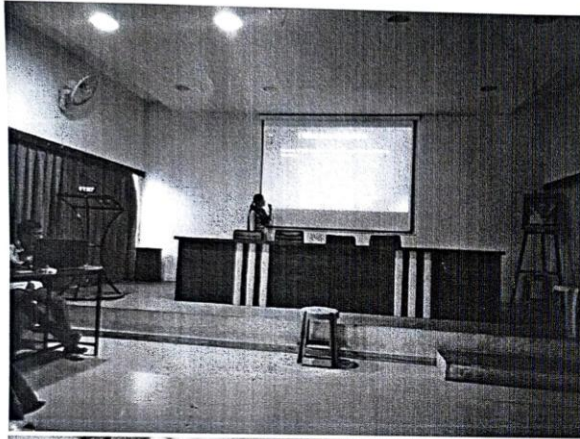
Class: B.Sc. III

Seminars I

Year: 2016-17

Roll No.	Name of Students	Name of Teacher (for guidance)	Slides arrangement (25)	Presentation (25)	Knowledge/explanation (25)	Defense (25)	Total (100)
1201	Bhosale Rohit S.	Miss. Patil J.L.	17	20	22	15	74
1202	Chalke Aniket K.	Miss. Patil J.L.	18	22	23	18	81
1203	Jagtap Sneha C.	Dr. Pawar S. J.	18	22	22	20	81
1204	Khade Nikita S.	Dr. Pawar S. J.	16	18	20	16	70
1205	Naikawadi Supriya N.	Dr. Patil S. S.	18	20	23	19	80
1206	Palkar Pratiksha R.	Mr. Sutar A. S.	20	22	22	22	86
1207	Parit Pratik Y.	Mr. Sutar A. S.	20	21	22	23	86
1208	Patane Avinash A.	Mr. Patil S. S.	17	18	17	16	68
1209	Patil Pallavi B.	Miss S. B. Dhavale.	16	16	18	16	66
1210	Patil Pruthviraj P.	Miss S. B. Dhavale	18	16	17	15	66
1211	Patil Vinayak S.	Mr. Patil S. S.	19	20	21	19	79
1212	Shaikh Jasmin D.	Mr. Patil S. S..	20	23	23	24	90
1213	Shaikh Rijavana M.	Dr. Patil S. S.	16	17	17	16	66
1214	Sutar Nikita V.	Dr. S. J. Pawar	22	23	23	22	90


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



राजेश

Head

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

Welcome

Seminar Report

Shri Shahu Shikshan Seva Mandal's

Shri Vijaysinh Yadav Arts & Science Collage, Peth Vadgaon.



DEPARTMENT OF PHYSICS


CERTIFICATE

This Is Certify That **Mr. Chalake Aniket Kumar**, Satisfactory Carried Out The Required Seminar Entitled 1) '**Gravitation**' and 2) '**Radar System**' Prescribed In The Syllabus Of Shivaji University, Kolhapur At B.Sc.III Course In Physics In Academic Year 2018-19

Place - Peth Vadgaon

Date - 2/02/2019


25/02

12/12/18
Teacher In Charge


11/3/19
Examiner


11.3.19


25/02
Head Of Department

Head,
Department of Physics

SEMINAR REPORT-I

Seminar Report

On

GRAVITATION

By

Mr. Chalake Aniket Kumar

Department Of Physics

Shri Vijaysinha Yadav Arts & Science Collage,

Peth Vadgaon.

2018-19

* INTRODUCTION :-

- Gravity or gravitation
- Newton's law of gravitation
- Orbit

* GRAVITY OR GRAVITATION :-

Gravity is most accurately described by the general theory of relativity (proposed by Albert Einstein in 1915, and Sir Issac Newton in 1687)

Gravitation is the attractive force existing between any two objects that have mass. The force of gravitation pulls objects together. Gravity is the gravitational force that occurs between the earth and other bodies. Gravity is the force acting to pull objects towards the earth.

Que. What is Albert Einstein's theory of general relativity ?

⇒ Albert Einstein, in his theory of relativity, determined that the laws of physics are the same for all non-accelerating observers, and he showed that the speed of light within a vacuum is the same no matter the speed at which an observer travels.

* GRAVITY OR GRAVITATION :-

Gravity or gravitation, is a natural phenomenon by which all things with mass or energy - including planets, stars, galaxies and even light brought toward one another.

Que. What is the gravity of Earth?

⇒ 9.8 m/s^2

Que. What is the gravitational field?

⇒ The region of space surrounding a body in which another body experiences a force of gravitational attraction, is known as gravitational field.

Department of Physics

Shri Vijaysinha Yadav College, Pethvadgaon

Student Centric Activity: Student Seminars

Outcomes

Department of Physics conducted seminar activity for B. Sc. III students. In this academic year each student carried out two seminars on different subject. Some of the positive outcomes of this activity are as follows.

- Shy or reserved students find voice.
- Students experience diverse views on a test.
- Discussion helps to clarify students own views.
- Students gain a clearer understanding of the text.
- Students are highly motivated to research and prepare for discussion
- Group Sharing provides a more in-depth understanding of the material.
- Asking questions and forming opinions for seminar leads students to a discovery of whom they are.



Mr. Sandip S. Patil
Head

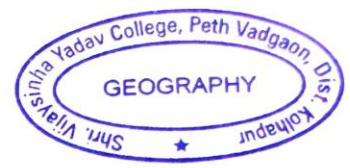
Department of Physics
Shri. Vijaysinha Yadav College
Peth Vadgaon, Dist. Kolhapur.



Principal

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

Celebration of Various Commemoratives days



Activity 2017-18 DEPARTMENT OF GEOGRAPHY

Name of the Activity	: Ozone Day
Date and Time of activity conducted	: 23 rd Sept., 2017, 10.00 am onwards.
Target Group	: B. A. Part- I, II and III.
Number of Students took the advantage	: 83
Name of Organizer	: Department of Geography
Name of Resource Person	: Dr. Prashant Patil, Dept. of Geography, Shivaji University, Kolhapur

Short Description of activity Conducted:

We are organized 'Ozone Day' with inviting Dr. Prashant Patil, Dept. of Geography, Shivaji University, Kolhapur as a Resource Person and the President of this function was Hon. I/C Prin. Adhikrao Nikam in presence of departmental faculty. In said function, resource person emphasized on recent past human activities caused to ozone depletion and its results shown through global warming and climate change.

PO's and PSO's covered:

PO's:

- 1) To examine the role of ozonosphere as a protective shield of the earth.
- 2) To understand an impact of ozone depletion on environment.

PSO's:

- 1) The students are familiar with ozonosphere and its formation.
- 2) The students are individually examining an impact of ozone depletion on climate.

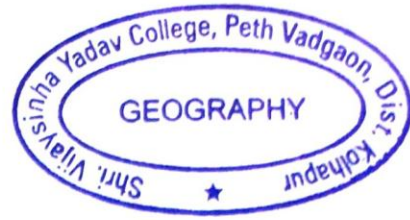


Date of Report: 24th Sept., 2017.

Coordinator: Dr. M. A. Patil


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


Principal
I/C Principal
Shri. Vijaysinha Yadav Arts & Science College
Peth Vadgaon



Activity 2017-18
DEPARTMENT OF GEOGRAPHY

Name of the Activity	: Geography Day
Date and Time of activity conducted	: 23rd Jan., 2018, 10.30 am onwards.
Target Group	: B. A. Part- I, II and III.
Number of Students took the advantage	: 120
Name of Organizer	: Department of Geography
Name of Resource Person	: Dr. Sudhir Ingale, Head, Dept. of Geography, Mudhoji Mahavidyalaya, Phaltan, Dist. Satara.

Short Description of activity Conducted:

We are organized 'Geography Day' with inviting Dr. Sudhir Ingale, Head, Dept. of Geography, Mudhoji Mahavidyalaya, Phaltan as a Resource Person and the President of this function was Hon. I/C Prin. Adhikrao Nikam in presence of departmental faculty.

The department has been conducted different activities during this programme such as geographical articles, wall paper (posters), paper cutting and expert lecture etc. Resource Person Dr. Sudhir Ingale shared his thoughts on cultural heritage of India and recent problems.

PO's and PSO's covered:

PO's:

- 1) To motivate students towards geographical culture.
- 2) To understand the cultural heritage of India.
- 3) To flash light on present social issues.

PSO's:


- 1) The students are individually participated in different activities.
- 2) The students are prepared posters, articles and paper cuttings.
- 3) The students are aware of our culture heritage and present social issues and how to overcome on these issues.



Date of Report: 24th Jan., 2018.

Coordinator: Dr. B. S. Jadhav


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


Principal
I/C Principal
Shri Vijaysinha Yadav Arts & Science College
Peth Vadgaon

Wallpaper Presentation

Name of Activity : “Wallpaper Presentation” on

National Science Day **Date and time of activity conducted:** 1st March
2021, 11.00 a. m.

Target Group: B.Sc III

Number of students took the advantage: 70

Name of Organizer: Department of Chemistry

Name of the Chief Guest – Dr. Vijaya Chavan

Short description of activity conducted: On the occasion of National Science Day Wallpapers Presentation on Biography and Research work of Nobel laureates Dr. C. V. Raman were inaugurated by honorable Principal Dr. Vijaya Chavan in presence of Mrs. Renuka Pawar HOD Department of Chemistry, Dr. C. B. Mane, Mrs. B. B. Mulla, Ms. R. N. Mahaldar, Ms. A. A. Dongare, Mr. A.M. Kamble. These wallpapers were prepared by B. Sc. III students.



Date of report:- 1st March 2021

Co-ordinator: Mrs. Renuka Pawar



Principal

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

Group Discussion

Shri Vijaysinha Yadav Arts and Science College, Peth Vadgaon

Department of Sociology

Report -2017-18

on

EXTENSION ACTIVITIES /OUTREACH PROGRAMS FOR SOCIETY

- 01)Name of Activity: - **Group Discussion**
- 2)Date and Time of Activity Conducted:-
20 September 2017,11.30 a.m.to 12.45 p.m.
- 3) Target Group: - **B.A.3 and B.A. 2 Students**
- 4) Number of Students Involved:- **36**
- 5)Name of Organizer:- **Department of Sociology**
- 6)Name of Guide and Observers:-**Chavan A.S. & Nisargandh P.R.**
- 07) PO: To equip the students with communicative skills along with understanding of subject knowledge
- 08)PSO: I) To develop skills about systematic presentation of self-knowledge
II) To develop analytical understanding about other's views and critical findings.

"समूह चर्चा अहवाल"


(Group Discussion Activity Report)


समाजशास्त्र विभागा मार्फत शैक्षणिक वर्ष 2017-2018 मध्ये विद्यार्थ्यांमध्ये संवाद कौशल्य तसेच सर्वांगीण व्यक्तिमत्व विकासासाठी समूह चर्चा या उपक्रमाचे आयोजन करण्यात आले होते. बीए भाग -3 व बी ए भाग -2 या वर्गातील विद्यार्थी या उपक्रमात

सहभागी झाले. समूह चर्चेत एकूण दहा विद्यार्थ्यांनी सहभाग घेतला. तर या उपक्रमाला एकूण 36 विद्यार्थी हजर होते.

मानवी हक्क हा या समूह चर्चेचा मुख्य विषय होता. या समूह चर्चेत विद्यार्थ्यांनी मानवी हक्क मानवी हक्कांचे उल्लंघन कारणे उपाय योजना तसेच मानवी हक्क विषयक कायद्याचा गैरवापर इत्यादी विषयावर विद्यार्थ्यांनी आपली मते मांडली. याकरिता विद्यार्थ्यांना मार्गदर्शन व या या उपक्रमाचे पर्यवेक्षक म्हणून सहाय्यक प्राध्यापक अशोक चव्हाण व सहाय्यक प्राध्यापक प्रभाकर निसर्गध यांनी काम पाहिले. सदर समूह चर्चा हा उपक्रम 20 सप्टेंबर 2017 रोजी सकाळी 11.30 ते 12.45 या वेळेत संपन्न झाला. या उपक्रमात सूत्रसंचालन बीए भाग 3 चा विद्यार्थी आकाश उत्तम सिद यांनी केले




Nisargandh P.R.


Chavan A.S.

Head
Department of Sociology
Shri. Vijaysinha Yadav College
Tal. Hatkanengale, Dist. Kolhapur.

Interaction with Successful Entrepreneurs

Name of Activity: Interaction with Successful Entrepreneurs

Date and time of activity conducted: 15th Feb. 2020, 2.00 p.m.

Target Group: B. Sc. II & III Students

Number of Farmers took the advantage: 113

Name of Organizer: Department of Chemistry

Name of the Resource Person: Industrialist Vinayak Karvekar(K.K. Alloy,Ambap)

Short description of activity conducted: Shri. Vinayak Karvekar interacted with the students. He explained how they turn towards the business, positive approach towards work. They said “Take responsibilities and work, automatically name and money you will get”. Students asked about how to convince our parent about starting the business. Presidential speech given by Hon. Principal Dr. Vijaya Chavan. Suggested choose business other than job. Vote of thank given by Tejaswini Asagavakar.

Po's and PSO's covered: 1)Student get inspiration from successful entrepreneurs. 2)Students become curious about Business



Date of report: 15th Feb. 2020

Coordinator: Prof. Renuka Pawar


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

Essay Writing Competition

Name of Activity: “Essay Writing Competition”

Date and time of activity conducted: 6th January 2019, at 10.45 am

Target Group: B.Sc. III

Number of students took the advantage: 28

Name of Organizer: Department of Chemistry

Name of the Resource Person: ---

Short description of activity conducted: The department of chemistry organized “Essay Writing Competition” The program was started with preface addressed by Head, department of Chemistry Prof. R. A. Pawar madam . Rules and regulations of Essay Writing competition declared Prof C. B. Mane sir. In competition **28 students** were participated. The competition was conducted in Room No.26. The main purpose behind arrangement of such competition is to increase knowledge of chemistry environment. Essay competition conducted on following topics ,1) Chemistry day today life.2)Plastic: cure or boon.3) Greenhouse gases changes climate,4)Chemistry on our Diet. The Competition was examined by Mrs. R. A. Pawar & Prof C. B. Mane.



Date of report: 15th Feb. 2020

Coordinator: Prof. Renuka Pawar


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

Carrere Guidance Workshop

Shri Vijaysinha Yadav Arts & Science College, Peth Vadgaon

Department Of Computer Science

Name of Activity: Career guidance workshop

Date and Time of activity conducted: 27Dec 2017, 11:00am

Target Group: No of student-80

Name of organizer: Department of computer science

Name of the Resource Person: Prof. P. Karmarkar Sir as Asst. Prof in Shivaji University Kolhapur

Career guidance workshops are designed to orientate students towards the world of work. Relevant information to the students at the right time of the development cycle helps them move from crystallization of career choices to specification and implementation.

Informed career choices help make smart and correct decisions that lead to success in life. The aim of a career guidance workshop is not only to guide students on choice of subjects and streams and provide suitable career choices but also help students become self-aware about their strengths and weaknesses.



Signature of Organizer

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

Tree Plantation

Shri Vijaysinha Yadav Arts & Science College, Peth

Vadgaon DEPARTMENT OF PHYSICS

Name of Activity: 'Tree Plantation'

Date and Time of activity conducted: 21st July, 2017

Target Group: All Human Being

Number of Students Involved: 16 Students from B. Sc. III (Physics)

Name of Organizer: Mr. Sandip S. Patil

Head, Department of

Physics, **Chief Guest of the Function: Prin. Dr.**

Vijaya Chavan **Short Description of Activity**

Conducted:

Tree Plantation programme was held in our College on 21st July, 2017 at 10.00 am. The students of B. Sc. III (Physics) actively participated in the programme. Principal, faculty members and students went to plant sapling in our college premises.

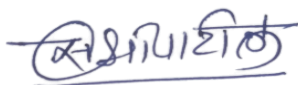
We had planted various types of plants Mango, Tamrind etc. Our teachers had also explained about the trees and the importance of tree plantation. In this academic year, 16 trees were planted in college campus and we are taking care of them. At the end of programme there was a photo session with Principal, teachers and students.



Students with Prin. Adhikrao Nikam



Students with Faculty Members



Signature of Organizer



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

Elocution Competition


Name of Activity: Elocution Competition
Date and Time: 12-12-2019 (10.00 am to 12.00 pm.)
Target Group: Arts Faculty students
Venue: Department of Marathi Classroom, Shri Vijaysinha Yadav Arts and Science College.

Name of Organizer: Department of Marathi

Name of Participants: Student form Marathi Department

Details of the Event: Marathi Department has organized Elocution competition, students of Marathi from first year, second year and third year students were participated in this elocution competition. This competition has enhanced the speech capacity and stage daring of the students, students' response for this competition was appreciable. Dr. Prashant Gaikwad, Mr. R.U. Dhavale and N.P. Surwase sir were present for the function.




DR. P.B. Gaikwad

Coordinator



Principal

Student Projects

Shri Shahu Shikshan Prasarak Seva Mandal's

Shri Vijaysinha Yadav College, Peth Vadgaon

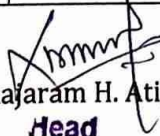
Department of Zoology

Student Centric Methods - 2019-20

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 2019-20, the activities like seminars, research projects, Zoology corner-Annual question series in Zoology, wildlife photography competition under Wildlife week celebration, guest lecture and study tours were conducted. After conducting each activity students 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 their higher education such as M. Sc., Ph. D. as well as in their jobs.

Sr. No.	Name of activity	Date	Outcome
1	Seminars of the students	August to September 2019	Explanation methods, Referencing skill, Stage daring in the students,
2	Research Projects	December 2019 to March 2020	Research attitude, Reference searching, report writing skills
3	Guest lecture	24-08-2019 05-10-2019	Students got the information about entrepreneurship opportunities in Zoology Importance of Wildlife and its protection
4	Wildlife week celebration	05-10-2019	Photography skills, Knowledge of Wildlife
5	Study tours	December 2019 & January 2020	To correlate the theoretical knowledge with experiential learning
6	Zoology corner-Annual question series in Zoology	July 2019 to March 2020	Referencing skill, Answer writing skill, presentation on paper


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


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


**SHRI VIJAYSINHA YADAV ARTS AND SCIENCE COLLEGE, PETH
VADGAON**

Dept. of Zoology

List of Field Projects of B. Sc. III 2019-20

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.	Name of the Student	Title off the Project	Name of the Guide
1	Miss Bhate Gayatri Ramakant Miss Kshirsagar Nikita Navnath	Study of Birds in Peth Vadgaon and adjoining area	Dr. S. V. Maske
2	Miss Gavade Manisha Sanjay Miss Patil Poonam Sampat	Comparative study of some parameters of Drinking water in Peth Vadgaon	Dr. A. S. Pawar
3	Mr. Khadake Abhijit Amar Miss Tambvekar Prapti Vilas	Study of some spiders from Peth Vadgaon and adjacent area	Mr. J. A. Daunde
4	Miss Patel Hina Ashpak Miss Yadav Prajakta Sanjay	Study of diversity off Butterflies from Peth Vadgaon and adjacent area	Mr. K. A. Madane
5	Miss Patil Pranita Vishwanath Mr. Magar Pradip Ravindra	Study of some insect pests from Latawade and adjacent area	Dr. R. H. Atigre
6	Miss Pisal Mayuri Mahadev Mr. Patil Mahesh Rajendra	Role of Birda in Environment	Dr. R. H. Atigre


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

1

**“COMPARATIVE STUDY OF SOME PARAMETERS OF
DRINKING WATER IN PETH-VADGAON”**

A Project Report Submitted to

Shivaji University, Kolhapur

For the partial fulfillment of

**Bachelors Degree in
ZOOLOGY**

By

Sr. No	Name of the Student	^{Roll} Exam No.
1	Miss. Gawade Manisha Sanjay.	1395
2	Miss. Patil Poonam Sampat.	1400

Under the Guidance of

Smt. Dr. Pawar A. S.

DEPARTMENT OF ZOOLOGY

**Shri Vijaysinha Yadav Arts and Science College, Peth
Vadgaon, Dist. Kolhapur**

2019-2020

DECLARATION

We hereby declare that the present work in the form of project report entitled "COMPARATIVE STUDY OF SOME PARAMETERS OF DRINKING WATER IN PETH-VADGAON" is an original work carried out by us under the guidance of Smt. Dr. Pawar A. S. Asst. Prof. Department of zoology, Shri Vijaysinha Yadav Arts and Science College, Peth Vadgaon. 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 title to any candidate in any University.

Place: Peth vadgaon

Date: 9/3/2020

Sr. No	Name of the Student	Exam No.
1	Miss. Gawade Manisha Sanjay.	1395
2	Miss. Patil Poonam Sampat.	1400

CERTIFICATE

This is to certify that the project report entitled "STUDY OF SOME PARAMETERS OF DRINKING WATER IN PETH-VADGAON" submitted to the Shivaji University, Kolhapur, in partial fulfillment of the requirements for the award of the Degree of Bachelor of Science in Zoology, is a record of original research work done by Miss.Gawade Manisha Sanjay and Miss. Patil Poonam Sampat 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 title to any candidate of any University.

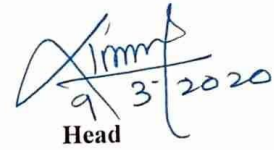
Place: Peth Vadgaon

Date: 9/3/2020



Dr. Pawar A. S.
Project Guide

Examined
Patil
9/3/2020
Examiner



Head

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

ACKNOWLEDGEMENT

We consider ourselves very fortunate to have worked under the inspiring guidance of **Smt. Dr. Pawar A.S.** Assistant Professor, Department of Zoology, Shri Vijaysinha Yadav arts and Science College, Peth vadgaon who introduced us to this modern area of research. He allowed us the freedom and independence to pursue our own research ideas. Without his intellectual contribution this project would have been impossible to complete. He shared advice and editorial comments freely; and his broad perspective on the field of animal behavior has enriched our education. His suggestions greatly improved our research, and his patience and understanding helped us through a busy last semester. Words are inadequate to express our thanks towards him.

We are also thankful to our principal **Dr. Chavan. V. R. Madam** and **Dr. Atigre R. H.**, Head of the department for providing all the facilities to carry out this work.

I am also thankful to **Dr. S.V. Maske, Mr. K. A. Madane, Mr. J. A. Daunde, Mrs. T. R. Thorvat, Mrs. A. A. Patil, Mrs. P. R. Pardeshi. & Mr. S. R. Sawant** for their support and guidance in the completion of the project. I am also thankful to **Shri Anil Ghabak Lab. Attendant Shri Ranjit Yadav and Shri Shrinivas Rongate, Lab. Assistant** for their all time help during the completion of the project.

We owe deep sense of gratitude to our parents for their constant encouragement tenure of this study.

Our whole hearted thanks are also due to all those who have directly or indirectly contributed to the successful completion of this work.

**Miss. Gawade Manisha Sanjay.
Miss. Patil Poonam Sampat.**

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Chapter I - Introduction

Water is said as liquid of life and it is the essence of all living processes. Water is universal solvent as it dissolves more substances than any other liquid without undergoing any chemical change. Thus water; the unique component of nature has played an important role in the life from molecules to man, hence since the time unmemorable the great human civilization has originated evolved and flourished around water resources. Water covers about 70% of the earth's surface but only 2.7% of the total water is fresh water, of which 1% is ice free water in the rivers, lakes, and atmosphere and as biological water. It has been estimated that only 0.00192% of the total water on the earth is available for human consumption Trivedi (1998).

Numerous anthropogenic activities like disposal of sewage & industrial water, recreational activities, excesses fertilization of lands and use of pesticides have threatened environment health of both surface and ground water. In addition to this, due to the uneven distribution of fresh water on earth, due to development thrust of man and due to difference in the per capita availability of water, the water has become scarce natural resources and national wealth. Water pollution now a day is considered not only in terms of publics' health but also in terms of its conservation, aesthetics and preservation of natural beauty and resources. Water pollution has however threatened to reduce the quantity available in ponds, lakes, rivers and reservoirs due to disposal of sewage, industrial waste and due to other human activities (Trivedy and Chandrasekhar, 1999). Population explosion, industrialization, urbanization and development thrust of man have created these problems of water pollution. According to different surveys, 70 to 80 percent of the Indian water sources are polluted and different enteric diseases affect millions of the people every year. United Nations Organization report has

indicated that mortality of world population lack reliable sources of drinking water. Hence, now-a-day raw water from the water body is being analyzed for its utility like drinking, aquaculture, industrial and irrigation purpose.

India has rich fresh water resources in the form of rivers, lakes and rivulets. From all the resources in India, the total available fresh water is estimated to be 1900 billion cubic meters per year. About 80 % of this water is lost as surface run-off. The surface flow represents 97% of the available water. The water-spread area of reservoirs and tanks is about 3 million hectares; where as lakes and ponds of India measures more than 1.5 million hectares. In India there are about 1,17,000 small and large natural and manmade fresh water bodies. (Ann. India, 1983). Every year there is an addition in the total water supply tanks, city water supply tanks, irrigation tanks, flood control reservoirs etc. Shrivastava et. al (1983) and Jain (1948) reported the approximate estimate of cultural water spread area as 2.3 million hectares in India.

Drinking water quality standards describes the quality parameters set for drinking water. Despite the truism that every human on this planet needs drinking water to survive and that water may contain many harmful constituents, there are no universally recognized and accepted international standards for drinking water. Even where standards do exist, and are applied, the permitted concentration of individual constituents may vary by as much as ten times from one set of standards to another.

Following table shows the standard values of parameters for quality of drinking water.

Physico-chemical parameters	Standard value for drinking water (by WHO)
Temperature	25 ⁰ C
pH	6.5-8.5
Total Dissolved Solids (T.D.S.)	500(extended upto 2000)
Dissolved Oxygen (D.O.)	7-11 mg/lit
Total alkalinity (as CaCO ₃)	200 (extended up to 600)
Conductivity	0.05-0.5 X 10 ⁻³ micromhos/cm
Total Hardness	300 (extended up to 600)
Biological Oxygen Demand (B.O.D.)	350 mg/lit

Chapter II - Material and Method

Materials: - We selected three water resources for testing the quality of drinking used in Peth Vadgaon.

Methodology: - Following parameters are tested by using the methodology given against them by APHA

- i. Temperature – Temperature of the water was determined on site during sampling by inserting thermometer (0-100°C) in the water.
- ii. PH- PH was measured with the help of field ph-meter Hanno model champ.
- iii. Total Dissolved Solids- Presence of total dissolved solids in the sample water was estimated by evaporation dish at 103°C. The amount of total dissolved solid was calculated by determining residue. The calculation was carried out by using following formula –

$$\text{Total Dissolved solids (mg/lit.)} = \frac{\text{Wt. of residue X 1000}}{\text{ml. of Sample}}$$

- iv. Conductivity- Conductivity was measured by conductometre.
- v. Dissolved oxygen (D.O.) - The dissolved oxygen was determined by Azide modification of Winkler's Idometric method (APHA 1989). The sample was collected in 300ml capacity glass stoppered bottles (B.O.D. bottles) without any bubbling. Then 2ml of each saturated manganous sulphate & alkaline iodide Azide solution were added. The precipitate was dissolved by adding 2ml of conc. H₂SO₄ in sample water and the liberated iodine was titrated against standard Sodium Thiosulphate (0.025N) solution using starch as an indicator. The end point is dark blue to colorless. The calculation was carried out with the help of following formula.

$$\text{D.O(mg/lit)} = \frac{0.1 \times \text{ml. Titant} \times 1000}{100}$$



pH Meter



Conductometer



Students involved in Titration

Chapter IV - Discussion and Conclusion

Some physico chemical parameters of underground water, Running water and Lake Water are tested to check the quality of drinking water from Peth Vadgaon. The observations are compared with the standards for drinking water given by World Health Organization.

The temperature of the drinking water of all the three sources is found normal as per the standards by World Health Organization. The pH of the drinking water of all the three sources is also found normal which is 7.4, 7.6 and 7.8 for underground water, Running water and Lake Water respectively. This is as per the standards by World Health Organization. The TDS of the drinking water of all the three sources is also found normal which is 8 mg/L, 8 mg/L and 1 mg/L for underground water, Running water and Lake Water respectively. This is as per the standards by World Health Organization. The conductivity of the drinking water of all the three sources is also found normal which is 0.827 microhms/cm, 0.122 microhms/cm 0.370 microhms/cm for underground water, Running water and Lake Water respectively. This is as per the standards by World Health Organization. The dissolved oxygen of the drinking water of underground water and Running water is also found normal which is 8.3 mg/L and 8 mg/L respectively. But the dissolved oxygen of Lake Water is 1 mg/L which is quiet less than the standards. This is as per the standards by World Health Organization. The alkalinity of the drinking water of all the three sources is also found normal which is 128 PPM, 0 PPM and 44 PPM, for underground water, Running water and Lake Water respectively. This is as per the standards by World Health Organization. The total hardness of the drinking water of all the three sources is also found normal which is 0.192 mg/L, 0.172 mg/L and 0.228 mg/L for underground water, Running water and Lake Water respectively. This is as per the standards by World Health Organization.

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