

**VIDYA VIKAS SHIKSHAN SANSTHA, HINGANGHAT**  
**VIDYA VIKAS ART'S, COMMERCE & SCIENCE COLLEGE,**  
**SAMUDRAPUR DIST. WARDHA 442305 (M.S.)**  
(Affiliated To RTM Nagpur University, Nagpur)



**DEPARTMENT OF ZOOLOGY**  
**Report 2022-23**

**1. Faculty profile**

Sr. No	NAME	DESIGNATION	QALIFICATION	EXPERIENCE
1	Dr. M.S. Ambatkar	Prof. & Head	M.Sc., B.Ed., Ph.D.	30 years
2	Dr. A. M. Bhende	Assistant professor	M.Sc., M.Phil., B.Ed., Ph.D.	10 years

**2. Student Information**

Class	Admitted Students	Appeared for exam	Pass	Success %	Fail
B.Sc. Sem. I	114	114	--	--	--
B.Sc. Sem. II	114	--	--	--	--
B.Sc. Sem. III	93	93	61	64.89 %	32
B.Sc. Sem. IV	93	--	--	--	--
B.Sc. Sem V	102	102	08	7.84 %	94
B.Sc. Sem. VI	102	--	--	--	--

**3. Changes made in the courses or programmed during the past two years and the contribution of the faculty to those changes.**

Nil.

**4. The learning resources of the department Library**

- In **Zoology**, our library has 354 (Title-170) books costing of Rs.113145 up to 30/04/2022

- In Library number of Journals and Magazines are available.
- Zoology Internet Facility and also N- List online journal is available.

## 5. Number of major and minor Instruments in the Department

- **Zoology** Department has major and minor instruments Costing **Rs.642238** up to 31/4/2021. These instruments are used by students for regular practical.

## 6. Study Tour: ----

## 7. Modern teaching methods practiced and use of ICT in teaching – learning

### a) Teaching methods:

- LCD Projector with diagrams, YouTube app, black board & chalk method.

### b) Evaluation methods:

- Unit Test conducted in classroom, Oral test in every lecture, question answer practices within each 2 days.

### c) Use of ICT:

- LCD Projector, Computer, Scanner, Internet facilities, smart class room etc.

## 8. Participation of teachers in academic and personal counseling of students

- The teachers of the department interact with the students in the laboratory personally at the time of practical and conduct some extra classes during remedial coaching under mentor – mentee system. During this interaction students can talk freely with the teachers. From this interaction the faculty comes to know the socioeconomic background of the student. Teaching faculty can solve personal difficulties of the students & also give personal financial assistance to needy students. The faculty also does academic as well as personal counseling in selecting the proper carrier in future.

### • FACULTY INFORMATION

### • Participation/contribution of teachers to the academic activities including teaching, consultancy and research:

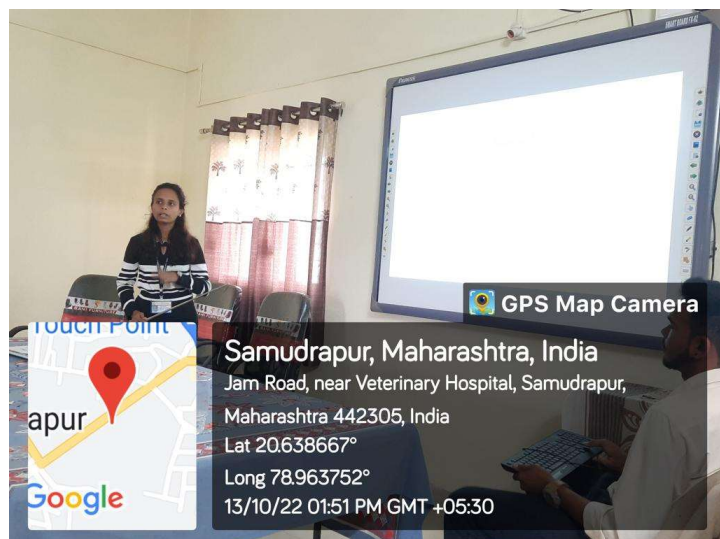
#### A) Teaching work load

Sr. No.	Name of the lecturer	Subject	Class	Periods Allotted		Total Work Load	Extra	Remarks
				L	P/T			
1	Dr. M. S. Ambatkar	Zoology	B.Sc. sem. I/ II	02	03	18		
			B. Sc sem. III/ IV	02	06			
			B. Sc. Sem V/VI	02	03			
2	Dr. A. M. Bhende	Zoology	B.Sc. sem. I/ II	03	06	20		
			B. Sc sem. III/ IV	03	03			
			B. Sc. Sem V/VI	02	03			

3	XYZ	Zoology	B.Sc. Sem. I/ II B. Sc sem. III/ IV B. Sc. Sem V/VI	01 01 02	16 15 18	53		
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### B) Participation in co- Curricular activities:

Sr. No.	Name of Programme	Date	Name of Organizer
1	Seminar Activity B.Sc. 5 <sup>th</sup> Sem	13 & 14 October 2022	Dr. M. S. Ambatkar Dr. A. M. Bhende
2	Seminar Activity B.Sc. 6 <sup>th</sup> Sem	20 & 21 April 2023	Dr. M. S. Ambatkar Dr. A. M. Bhende



### FACULTY INFORMATION

1. **Dr. M.S. Ambatkar:** Head of the department

### National conference/workshop/seminar attended:

Sr. No.	Conference/ workshop/ seminar/Webinar	Title	Date	Venue
1	Seminar	Cloud Technology and Information Security and Its future opportunities.	27 February 2023	Vidya Vikas College Samudrapur



**Publications (Research Paper/Books etc.).**

Sr. No.	ACADEMIC/RESEARCH ACTIVITY			
1	Research Papers In Peer-Reviewed Or UGC Listed Journals –			
	Title with page numbers & Name of Journal ISSN/ISBN No.		Whether peer reviewed. Impact factor	No. of co-authors
	01	Evaluation of Physico – Chemical parameters of Vena River Water of Wardha Dist. M.S.	EISSN 2348 - 1269, P – ISSN 2349 - 5138	Pranita Ashtankar Mahonar Ambatkar Shital Karmore

**Guest Lecture:**

Sr.No.	Topic	Presentation	Venue
1	Recent Advances in Biological Science	---	Amolchand Mahavidyalaya Yavatmal

**ANY OTHER ACTIVITY:**

- Coordinator of Admission Committee (Science)
- Coordinator of Lab maintenance committee
- Coordinator of IT infrastructure committee
- V.C. Nomine for conducting interview R.T.M.N.U. Nagpur.

**2. Dr. A. M. Bhende****National conference/workshop/seminar/ attended :**

Sr. No.	Conference/ workshop/ seminar/Refresher	Title	Date	Venue
1	FDP	One week faculty development programme Teaching Learning and Research	1-7 <sup>th</sup> June 2022	Vidya Vikas Arts, Commerce and Science College Samudrapur.

**Publication (Research papers/books)**

Sr. No.	Title of paper	Authors	Name of Journal	Year	Page
1	Stress induced physiological alterations in sensitive communities of Wardha District during Covid 19	<b>Bhende A.M.</b> <sup>1</sup> <b>Ambatkar M.S. powar</b>	International journal of research es in Biosciences , Agriculture and Technology .	IJBAT ,Issue (IX), Vol.III, Sept 2021.	49-53.

2	Stress induced alterations in working women (Nurses) of Wardha District .	<b>Bhende A.M.</b>	International Multidisciplinary E – Conference of various Aspects in Nation Building in association with International Journal of Scientific Research in science and Technology .	Volume 9 , Issue 5, ISSN2395 -602X	
3	Predictors of job satisfaction amongst lawyers occupational stress physiological burnout as in Wardha District.	<b>Bhende A.M.</b>	Turkish online Journal of qualitative inquiry.	Volume 12 No.7 (2021) <b>Scopus index journal</b>	14231 to 14236.
4	Psychological Stress Induced Alterations of Students During Examinations.	<b>Bhende A.M.</b>	International E research journal	E ISSN 2348-7143, issue 279(A)	Nov.20 21 Page 69 to 74

2	<b>Publications (Other Than Research Papers) –</b>				
	A	Published Books Authored Which Are	Name of Publication	Publisher	Score
		Text book of Zoology	Sai jyoti publication	ISBN No.978-93-91201-67-8	05
	B	Text book of Zoology	Sai jyoti publication	ISBN No.978-93-93973-03-0	05
	C	Chapter in edited book	<b>SCIENG PUBLICATIONS</b>	ISBNNo.978-93-94766-17-4	10

**Guest Lecture:**

Sr.No.	Topic	Presentation	Venue
1	Common problems of Adolescence period	PPT presentation	Nirmal English School Arvi , 1 St Jan. 2022.

**ANY OTHER ACTIVITY :**

- 1 Coordinator of Lifelong learning and extension
- 2 Coordinator of Health check up committee.
- 3 Member of NSS committee.
- 4 Member of ST, NT and OBC cell
- 5 Member of admission committee.

## DEPARTMENTAL ACTIVITY:

### 1) One week workshop for the Lab Attendant.

**VIDYA VIKAS SHIKSHAN SANSTHA, HINGANGHIA**  
**VIDYA VIKAS ART'S, COMMERCE & SCIENCE COLLEGE,**  
**SAMUDRAPUR, DIST. WARDHA 442305 (M.S.)**  
 (Affiliated to Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur.)  
 NAAC Reaccredited B++ (CGPA: 2.8)

**Programme Report**


- Name of Program / Event: One Week Workshop for Lab Attendants
- Name of the Organizing Department: Dept. of Zoology
- Date, Venue, Time/ Duration: 1 - 7<sup>th</sup> July 2022 at Vidya Vikas College, Samudrapur at 3:30 - 4:30 PM
- Number of participated students/ faculty members/ research scholar/ Lab Attendants: 09
- Name of the speaker / guest: Science Faculty

**Introduction of the event:**  
 This workshop was conducted by Vidya Vikas College, Samudrapur. Dr. K.J. Rewatkar has inaugurated this workshop in the college auditorium. Dr. M.S. Ambatkar was the co-ordinator of this program. For this workshop all the science faculty and all lab attendants were present. Dr. Rewatkar sir has address to the Lab Attendants about importance of workshop and how this workshop is useful in handling the various instruments in the labs.

**Objective of the event:**

- Introduction of various lab instruments.
- To bring the awareness about instruments in all labs.
- Functions of the all instruments.
- Handling of the all instruments.

**Photographs:**



**Outcome:**

**Any Suggestion for future Improvement:**

Name and Sign of event in charge  
 Dr.M.S.Ambatkar  
 Head,  
 Department of Zoology

Date  
 Place: Samudrapur

**Principal**  
 Dr.K.G.Rewatkar  
 Principal  
 Vidya Vikas Art's, Commerce  
 & Science College, Samudrapur  
 Dist. Wardha 442305

SEAL  
 442 305  
 Vidya Vikas Art's, Commerce & Science College, Samudrapur, Dist. Wardha

### 2) Inauguration of the Zoological Society.

**VIDYA VIKAS SHIKSHAN SANSTHA, HINGANGHIA**  
**VIDYA VIKAS ART'S, COMMERCE & SCIENCE COLLEGE,**  
**SAMUDRAPUR, DIST. WARDHA 442305 (M.S.)**  
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 NAAC Reaccredited B++ (CGPA: 2.8)

**Programme Report**


- Name of Program / Event: Inauguration of Zoological Society
- Name of the Organizing Department: Dept. of Zoology
- Date, Venue, Time/ Duration: 21<sup>st</sup> July 2022, Dept. of Zoology, Vidya Vikas College, Samudrapur at 3:30 - 4:30 PM
- Number of participated students: 90
- Name of the speaker / guest: Principal Dr. K. G. Rewatkar

**Introduction of the event:**  
 The zoological society is inaugurated on Date 21<sup>st</sup> July 2022. This event is organized for B.Sc. and M.Sc. Students to understand. What is zoological society and various programs carried out by Zoological Society, and every student should participate in these functions carried out by society. One committee is formed having president, Vice-president, secretary, Treasurer and 5 members to carry out various functions smoothly.

**Objective of the event:**

- Introduction of Zoological society
- To organized various functions through Zoological Society.
- Every student should participate.

**Photographs:**



**Outcome:**

**Any Suggestion for future Improvement:**

Name and Sign of event in charge  
 Dr.M.S.Ambatkar  
 Head,  
 Department of Zoology

Date  
 Place: Samudrapur

**Principal**  
 Dr.K.G.Rewatkar  
 Principal  
 Vidya Vikas Art's, Commerce  
 & Science College, Samudrapur  
 Dist. Wardha 442305

SEAL  
 442 305  
 Vidya Vikas Art's, Commerce & Science College, Samudrapur, Dist. Wardha



### 3) Bridge Course.

VIDYA VIKAS ARTS, COMMERCE & SCIENCE COLLEGE,  
SAMUDRAPUR, DIST. WARDHA 442302 (M.S.)  
(Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.)  
NAAC Reaccredited B++ (CGPA: 2.8)

**Programme Report**

- Name of Program : Bridge Course
- Name of the Organizing Department : Zoology
- Total hours : 10 Hrs.
- Name of the Faculty : Dr.M.S.Ambatkar (HOD), Dr.A.M.Bhende

**Introduction:**

Most of the students admitted in first year are from rural area and some of them are not so advance in some subject. Some students are unknown to new subject as they do not have previous backgrounds. To boost up their academic skill and confidence of such students in learning process, Our Zoology Dept. conduct the bridge course for first year students to make a link between previously what they studied and new upcoming course before the commencement of regular classes every year.

Staff meeting is arranged by principal at the starting of the session. He aware the various academic activities to be conducted in the session to the staff. Bridge course is one of them to be conducted at the starting of session. As tentative syllabus for bridge course is prepared in the beginning of session. The head of our Dept. Dr.M.S.Ambatkar Sir arranged the meeting with their faculty members such as Dr.A.M.Bhende and determines the strategy of bridge course implementation.

The Bridge course were conducted from 15th July to 30th July. Generally 10 classes are assigned of bridge course. Faculty may extend the classes as per requirements. In time table, classes of bridge course are to be conducted in their regular schedule. The HOD of our department distribute workload among their faculty members. Faculty reviews the fundamental concepts of all key subjects their faculty members. After completion of syllabus of bridge course faculty was at under graduation. After completion of syllabus of bridge course faculty was at under graduation. After completion of syllabus of bridge course faculty was at under graduation. After completion of syllabus of bridge course faculty was at under graduation.

It is seen that, bridge course is beneficial for both students and faculties. As in teaching learning process, student can easily grasp the advance topic in regular classes and it is convenient to faculty to teach the advance topic. To make pace with the slow learner our Dept. will conduct extra remedial classes on regular basis. The Dept. will provide extra study material and guidance to advance learner.

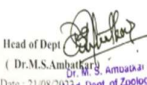
classes and it is convenient to faculty to teach the advance topic. To make pace with the slow learner our Dept. will conduct extra remedial classes on regular basis. The Dept. will provide extra study material and guidance to advance learner.


**Objective Of The Course :**

To remove the scar about study.  
To make the equal level of slow and advance learner.  
Help to understand the fundamentals in syllabus.

**Course Outcomes :**

- Students were actively participated in the course
- They were confident about basic terminology in subject
- Students were enhance the skills in respect of learning process.

Head of Dept.   
(Dr.M.S.Ambatkar)  
Date : 21/08/2022  
Place: Samudrapur, Vidya Vikas Arts, Commerce & Science College, Samudrapur, Dist. Wardha 442302

Faculty   
(Dr.A.M.Bhende)

### 4) Induction program.

VIDYA VIKAS ARTS, COMMERCE & SCIENCE COLLEGE,  
SAMUDRAPUR, DIST. WARDHA 442302 (M.S.)  
(Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.)  
NAAC Reaccredited B++ (CGPA: 2.8)

**Programme Report**

- Name of Program / Event: Induction program
- Name of the Organizing Department: Dept. of Zoology
- Date, Venue, Time/ Duration: 12th August 2022, Dept. of Zoology, Vidya Vikas College, Samudrapur at 3:00 - 4:00 PM
- Number of participated students: 40
- Name of the speaker / guest: Dr. M. S.ambatkar, Dr. A. M. Bhende


**Introduction of the event:**


This program is conducted by Dept. of Zoology for the B.Sc. SEM I students. As we know, these students are new comer in this college so, for sharing the details of college, Department Laboratory facility and faculty members, Zoology so, this program is conducted.

**Objective of the event:**

- To know about faculty members.
- To know about the department.
- To know about course.
- To know about benefits of studying this course.
- Awareness about the dress code and moral responsibilities in institution.

**Photographs:**

  
Samudrapur, Vidya Vikas Arts, Commerce & Science College, Samudrapur, Dist. Wardha 442302  
12/08/2022 03:12 PM



  
Samudrapur, Vidya Vikas Arts, Commerce & Science College, Samudrapur, Dist. Wardha 442302  
12/08/2022 03:12 PM


**Outcome:**

Student get the knowledge about the subjects because of such programme they may developed the interest for the studying the subject.

Name and Sign of event in charge  
Dr.M.S.Ambatkar  
Head,  
Department of Zoology

Date: 12 August 2022  
Place: Samudrapur

  
Vidya Vikas Arts, Commerce & Science College, Samudrapur, Dist. Wardha 442302

## 5) Guest lecture – Dr. B.S. Rahile

VIDYA VIKAS SHIKSHAN SANSTHA, HINGANGHA

VIDYA VIKAS ART'S, COMMERCE & SCIENCE COLLEGE, SAMUDRAPUR, DIST. WARDHA 442305 (M.S.)

(Affiliated to Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur, NAAC)

**Programme Report**

Reaccredited B++ (CGPA: 2.8)


- Name of Program / Event: Guest Lecture
- Name of the Organizing Department: Dept. of Zoology
- Date, Venue, Time/ Duration: 23rd September 2022, Dept. of Zoology, Vidya Vikas College, Samudrapur at 12:00 – 2:00 PM
- Number of participated students: 63
- Name of the speaker / guest: Dr. B. S. Rahile, Professor, Dept. of Zoology, Science College, Pauni.

**Introduction of the event:**  
This program is conducted by Dept. of Zoology for the B.Sc. and M.Sc. students. The topic was "Role of honey bee pollination in food security of India" As we know the honey bees are important part of our ecosystem, in this lecture how honey bees play role in pollination are practically proved.

**Objective of the event:**

- To know about types of honey bees
- To know about their role in pollination
- To know about how the farmers are benefited
- Awareness about the importance of honey bees for students.

**Photographs:**



**Outcome:**  
Student get the knowledge about the Honey bees, benefits for farmers and application of this to field. Students develop the interest for the studying this topic.

Name and Sign of event in charge  
Dr. M.S. Ambekar  
Head  
Department of Zoology

Date: 23 September 2022  
Place: Samudrapur

Principal  
Vidya Vikas Arts, Comm & Science College, Samudrapur

## 6) Program on World Animal Day.

VIDYA VIKAS SHIKSHAN SANSTHA, HINGANGHA

VIDYA VIKAS ART'S, COMMERCE & SCIENCE COLLEGE, SAMUDRAPUR, DIST. WARDHA 442305 (M.S.)

(Affiliated to Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur, NAAC)

**Programme Report**

Reaccredited B++ (CGPA: 2.8)


- Name of Program / Event: World Animal day
- Name of the Organizing Department: Dept. of Zoology
- Date, Venue, Time/ Duration: 4<sup>th</sup> Oct 2022, Dept. of Zoology, Vidya Vikas College, Samudrapur at 2:00 PM.
- Number of participated students: 33
- Name of the speaker / guest: Dr. M.S. Ambekar, Dr. N.S. Shirbhate, Dr. A.M. Bhende

**Introduction of the event:**  
This program is conducted by Dept. of Zoology for the B.Sc. and M.Sc. students. The topic was "World Animal Day" As we know the importance of animals in the this world, here each animal is depend upon other animal as a food in our ecosystem. All the animals in the ecosystem coexists balance nature's ecology. It is observed that animals play an equally important role in protecting our environment and promoting human health. That's why this day is celebrated.

**Objective of the event:**

- To know about animal rights and welfare.
- To know about their role of animals in ecosystem
- To draw attention to the conservation status of some critically endangered species.
- To protect animals against pollution and natural hazards.

**Photographs:**



**Outcome:**  
Student were motivated about how the conservation of animals are important. Students were inspired about the significance of animal welfare and the need to protect rights.

Name and Sign of event in charge  
Dr. M.S. Ambekar  
Head  
Department of Zoology  
Date: 04 October 2022  
Place: Samudrapur

Principal  
Dr. K.G. Rewatkar  
Principal  
Vidya Vikas Arts Comm & Science College, Samudrapur



## 7) Guest lecture on World animal Week – Dr. Vasanti Rewatkar

VIDYA VIKAS SHIKSHAN SANSTHA, HINGANGHAT  
VIDYA VIKAS ARTS, COMMERCE & SCIENCE COLLEGE, SAMUDRAPUR, DIST. WARDHA 442305 (M.S.)  
(Affiliated to Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur.) NAAC

**Programme Report**  
Reaccredited B++ (CGPA: 2.8)


- Name of Program / Event: Wild life conservation
- Name of the Organizing Department: Dept. of Zoology
- Date, Venue, Time/ Duration: 6<sup>th</sup> Oct 2022, Dept. of Zoology, Vidya Vikas College, Samudrapur at 2:00 PM.
- Number of participated students: 46
- Name of the speaker / guest: Prof. Dr. Vasanti Rewatkar

**Introduction of the event:**  
This program is conducted by Dept. of Zoology for the B.Sc. and M.Sc. students. The topic was "Wild life conservation". As we know the importance of animals in this world, wild life conservation refers to the practice of protecting wild species and their habitats in order to maintain healthy wildlife species or populations and to restore, protect or enhance natural ecosystem.


**Objective of the event:**

- To know about wildlife and their habitat.
- To know about role of animals in ecosystem.
- To draw attention to the conservation status of some critically endangered species.
- To protect animals against pollution and natural hazards.

**Photographs:**



**Photograph :**



**Outcome:**  
Students were motivated about how the conservation of animals are important. Students get the knowledge about biodiversity, surrounding animals, their habitat and to restore, protect or enhance natural ecosystem.

Name and Sign of event in charge  
Dr. M.S. Ambatkar  
Head  
Department of Zoology

Name and Sign of Principal  
Dr. K.G. Rewatkar  
Principal  
Vidya Vikas Arts Comr. & Science College, Samudrapur.

Date: 07<sup>th</sup> October 2022  
Place: Samudrapur


## 8) One day camp on health checkup.

VIDYA VIKAS SHIKSHAN SANSTHA, HINGANGHAT  
VIDYA VIKAS ARTS, COMMERCE & SCIENCE COLLEGE, SAMUDRAPUR, DIST. WARDHA 442305 (M.S.)  
(Affiliated to Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur.) NAAC Reaccredited B++ (CGPA: 2.8)

**Programme Report**

- Name of Program : One day camp on Health check up
- Name of the Organizing Department: Health checkup committee and Dept. of Zoology.
- Date, Time : 09<sup>th</sup> November 2022 at 10 :30 A.M. and Onwards
- Number of participated students : 104
- Name of the speaker / Guest : Dr. K. N. Mhaskar , Medical Superintendent Samudrapur Dist. Wardha, Dr. N. S. Shirbhatre Vice Principal Vidya Vikas Mahavidyalaya , Samudrapur Dist. Wardha, Dr. M. S. Ambatkar Head Dept. of Zoology.
- Introduction of the event : Health checkup committee and Dept of Zoology , Vidya Vikas Mahavidyalaya, Samudrapur organized one day health check up camp for students. As a part of this activity Department provided medical team from government hospital Samudrapur on 09/11/2022 .The medical facility provided to students such as blood sugar , hemoglobin and Thyroid test. Covid vaccination as well as many more students has also performed by dental checkup. The guest of the event Dr. K. N. Mhaskar inspired students with the importance of health like health is a state of complete physical , mental and social well-being . Another guest Dr. N.S. Shirbhatre also motivated students with her valuable words with positive attitude essential for healthy life . The event was conducted by Dr. Archana M. Bhende coordinator health checkup committee , Vidya Vikas Mahavidyalaya Samudrapur . At the end of the programme vote of thanks delivered by Dr. M. S. Ambatkar Head Department of Zoology .
- Objective of the event:
  - To provide free medical advice to the unfortunate students and refer for specialized treatment whenever it is required .
  - To provide health care at the right time and seeing the doctor early enough before a small health problem turns serious .
  - To refer medical cases towards further treatments if required .
  - To raise health awareness among the students and teach them to deal with communicable and non communicable ,

**Photograph :**



**Outcomes :**

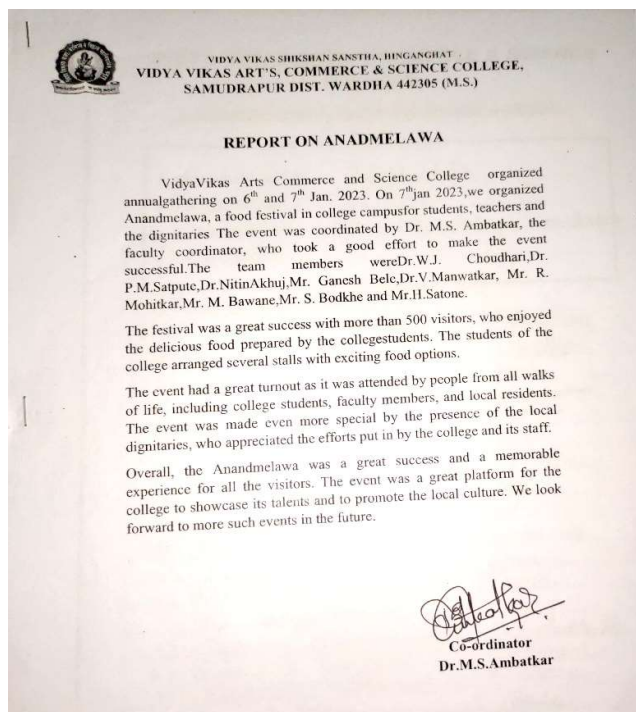
- Students were motivated about initial care in life threatening conditions which reflect the unique strength and goals of medical ethics .
- Students encourage regarding preventive behaviors.

Co-Ordinator  
Dr. A. M. Bhende

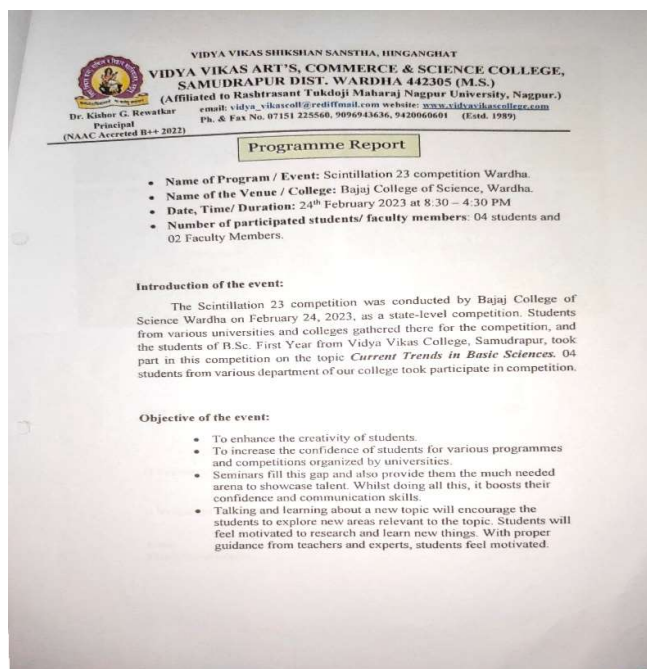
Principal  
Dr. K. G. Rewatkar  
Principal  
Vidya Vikas College Samudrapur

Date: 09 /11/2022  
Place: Samudrapur

## 9) Report on Anandmelava (Gathering)



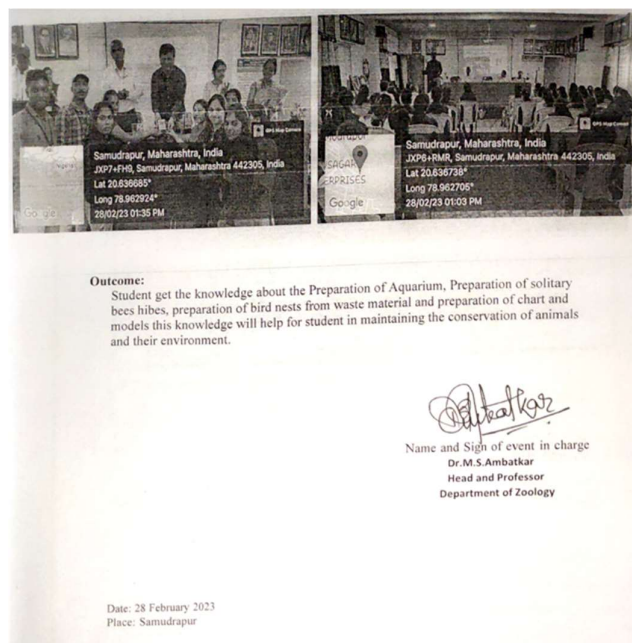
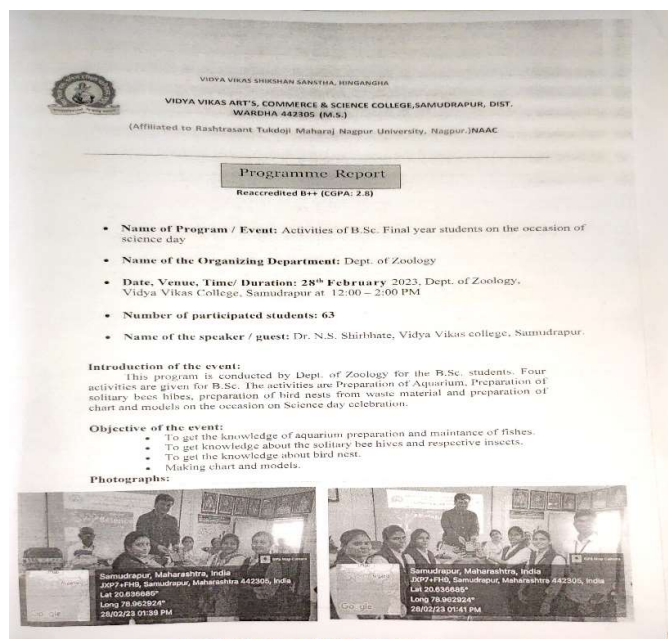
## 10) Scintillation program 23 – Seminar compitation.



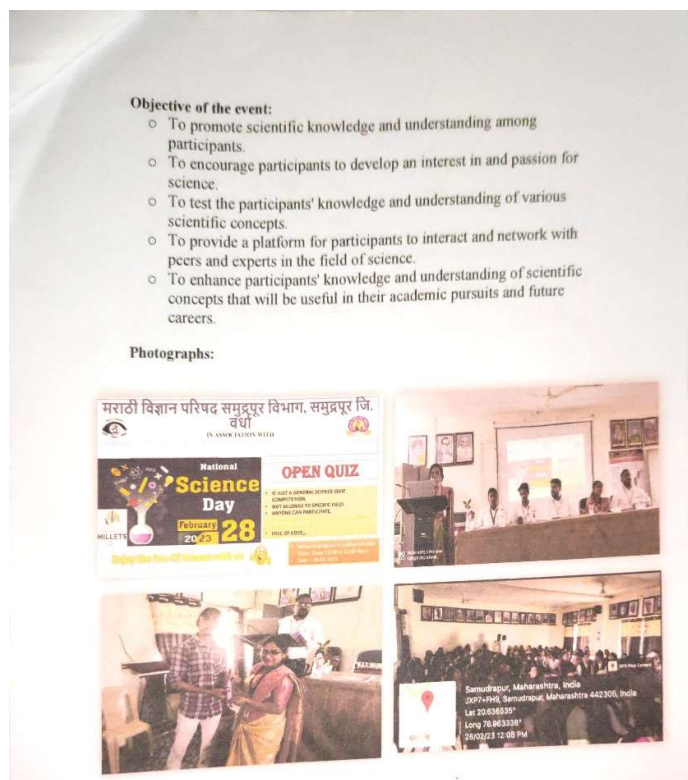
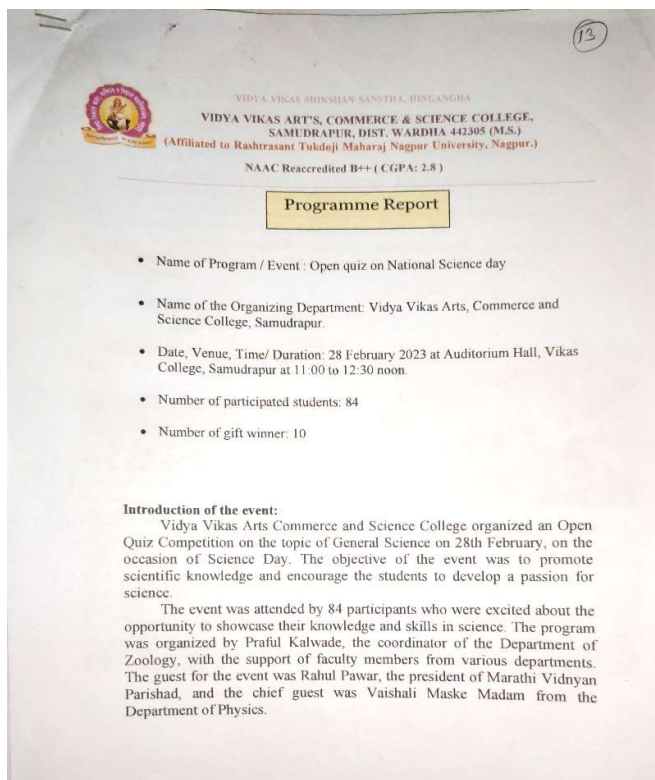




## 11) Invited guest on science day celebration



## 12) Open quiz programme on science day.





### 13) World wildlife day.

VIDYA VIKAS SHIKSHAN SANSTHA, HINGANGHIA  
VIDYA VIKAS ARTS, COMMERCE & SCIENCE COLLEGE, SAMUDRAPUR, DIST. WARDHA 442305 (M.S.)  
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**Programme Report**  
Reaccredited B++ (CGPA: 2.8)

- Name of Program / Event:** World Wildlife day
- Name of the Organizing Department:** Dept. of Zoology
- Date, Venue, Time/ Duration:** 3<sup>rd</sup> March 2023, Dept. of Zoology, VidyaVikas College, Samudrapur at 2:00 PM.
- Number of participated students:** 60
- Name of the speaker / guest:** Dr. M.S.Ambatkar, Dr.N.S.Shirbhate, Dr.A.M.Bhende

**Introduction of the event:**  
This program is conducted by Dept. of Zoology for the B.Sc. and M.Sc. students. The topic was "World wildlife Day" As we know the importance of animals in this world, here each animal is depend upon other animal as a food in our ecosystem. All the animals in the ecosystem coexist balance nature's ecology. It is observed that animals play an equally important role in protecting our environment and promoting human health. That's why this day is celebrated.

**Objective of the event:**

- To know about animal rights and welfare.
- To know about their role of animals in ecosystem.
- To draw attention to the conservation status of some critically endangered species.
- To protect animals against pollution and natural hazards.

**Photographs:**

**Outcome:**  
Student were motivated about how the conservation of animals are important. Students were inspire about the significance of animal welfare and the need to protect their rights.

*(Signature)*  
Name and Sign of event in charge  
Dr. M.S.ambatkar  
Head  
Department of Zoology  
Date: 03 October 2022  
Place: Samudrapur

*(Signature)*  
Principal  
Dr. K. Kulkarni  
Principal  
Vidya Vikas Arts, Comm & Science College, Samudrapur

### 14) Women's Empowerment programe.

VIDYA VIKAS SHIKSHAN SANSTHA, HINGANGHIA  
VIDYA VIKAS ARTS, COMMERCE & SCIENCE COLLEGE, SAMUDRAPUR, DIST. WARDHA 442305 (M.S.)  
(Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.) NAAC Reaccredited B++ (CGPA: 2.8)

**Programme Report**

- Name of Program :** Women's Empowerment
- Name of the Organizing Department:** Department of Zoology in association with IQAC.
- Date, Time :** 23 March 2023 at 3:00 PM.
- Number of participated students :** 62
- Name of the speaker / Guest :** Mrs. Nisha Meshram , Block Mission Management ,Mr. Dinesh Arse Block Manager , Dr. N.S.Shirbhate , Vice Principal Vidya Vikas College Samudrapur, Dr. M.S.Ambatkar, Dept. of Zoology VVCS.

**Introduction of the event :** Department of Zoology in association with IQAC , Vidya Vikas College Samudrapur has organized one day workshop on 23 March 2023 on the theme "Women's Empowerments and Skill development programme " As a part of this activity Department has organized invited lecture . The guest Mrs Nisha Meshram ,Block Manager Management has to delivered talk on "Mission Antyodaya " in which she has elaborated various schemes implemented by Indian government for rural developments . Dr. Nisha Shirbhate Vice Principal of our Institution has enlighten Women's with her words of wisdom "Women are real architects of society " . The Dr. Archana M. Bhende Dept of Zoology , Vidya Vikas College Samudrapur has master of ceremony. At the end of the programme vote of thanks was proposed by Dr.Shilpa Pahade Dept. of Mathematics .

**Objective of the event:**

- To increase employability of the girl students and Women's.
- To raising self esteem and self confidence of women.
- To eliminate discrimination and all forms of violence against women and girl child .
- To building and strengthening partnership with civil society particularly Women's organization .
- To enforce of constitutional and legal provisions and safeguarding rights of human .

**Outcomes :**

- The Women were aware intellectual and values centered formations through which they will be able to identify their own potentials .
- The Women aware about equal rights in all areas in society .
- They motivated about equal participation in social, economic , cultural and political activities .
- Women were motivated about activities of global level raising awareness of their work and the challenges they face .
- They inspired about there is strong evidence of strong positive links between Women's economic empowerment and foundational health



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**POST - DEPARTMENT OF ZOOLOGY**  
**Report 2022-23**

**1. Faculty profile**

Sr. No	NAME	DESIGNATION	QALIFICATION	EXPERIENCE(Years)
1	Dr. Madhukar Dhongade	Assistant Professor C.H.B.	M.Sc. Ph.D	02 Years
2	Mr. Vaibhav D Kalambe	Assistant Professor C.H.B.	M.Sc. B.Ed.	02 Years
3	Mr. Praful S. Kalwade	Assistant Professor C.H.B.	M.Sc. NET	02 Years

**2. Student Information**

Class	Admitted Students	Appeared for exam	Pass	Success %	Fail
M.Sc. Sem. I	22	20	---	---	---
M.Sc. Sem. II	---	---	---	---	---
M.Sc. Sem. III	22	22	5		17
M.Sc. Sem. IV	---	---	---	---	---

## 2. The learning resources of the department

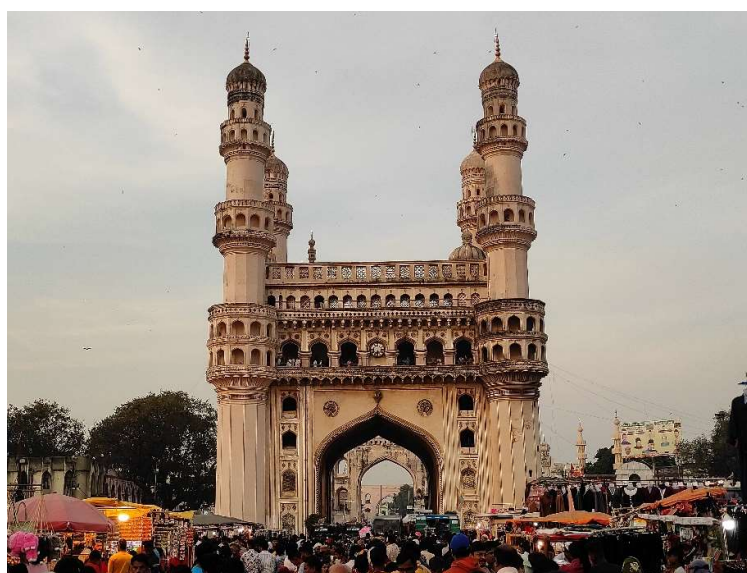
### Library

- In **Zoology**, our library has 354 (Title-170) books costing of Rs.113145 up to 30/04/2022 and many more Reference Books added in our stock.
- In Library number of Journals and Magazines are available.
- Zoology Internet Facility and also N- List online journal are available.

## 3. Number of major and minor Instruments in the Department

- **Zoology** Department has major and minor instruments Costing **Rs.642238** where the M.Sc. Students are freely to use this instruments for Research purpose and other practical work also.

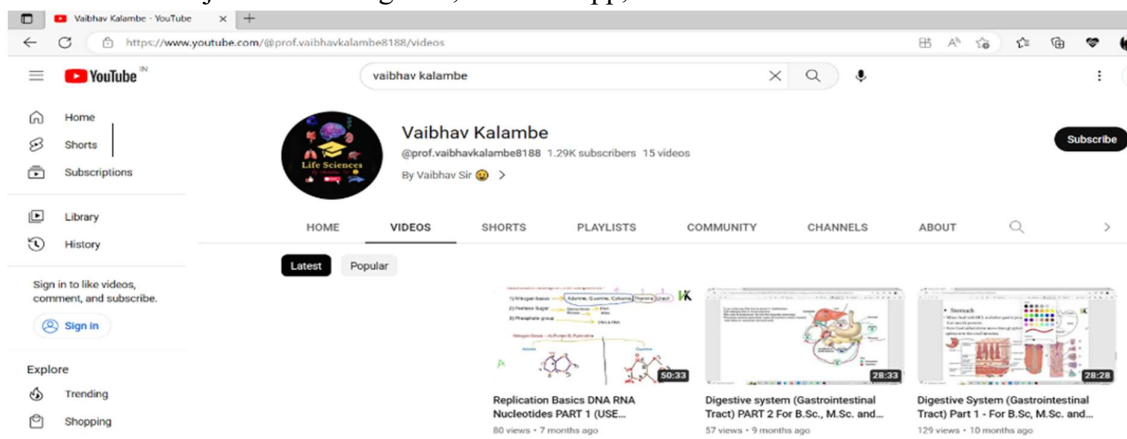
## 4. Study Tour: Hyderabad Study Tour from 03 December 2022 – 07 December 2022



## 5. Modern teaching methods practiced and use of ICT in teaching – learning

### a) Teaching methods:

- LCD Projector with diagrams, Youtube app, black board & chalk method.



### b) Evaluation methods:

- Unit Test conducted in classroom, Oral test in every lectures, question answer practices within each 2 days, randomly seminars on completed topics.

### c) Use of ICT:

- LCD Projector, Computer, Scanner, Internet facilities, smart class room for student's education purpose etc.

## 6. Participation of teachers in academic and personal counseling of students

- The teachers of the department interact with the students in the laboratory personally at the time of practical and conduct some extra classes during remedial coaching under mentor – mentee system. During this interaction students can talk freely with the teachers. From this interaction the faculty comes to know the socioeconomic background of the student. Teaching faculty can solve personal difficulties of the

students & also give personal financial assistance to needy students. The faculty also does academic as well as personal counseling in selecting the proper carrier in future.

- **FACULTY INFORMATION**
- **Participation/contribution of teachers to the academic activities including teaching, consultancy and research:**
  - A) Teaching work load

Sr.No.	Name of Lecturer	Class	Period Allotted		Name of Paper	Total Workload
			L	P/T		
1	Dr. M.S. Ambatkar	M.Sc. SEM I / SEM II	02	02	Paper II (Unit I & II)	08
		M.Sc. SEM III/SEM IV	04	0	Paper I	
2	Dr. A.M.Bhende	M.Sc. SEM I / SEM II	04	0	Paper I	08
		M.Sc. SEM III/SEM IV	02	02	Paper II	
3	Dr. M. Dhongade	M.Sc. SEM I / SEM II	03	07	Paper III (Unit I & II) Paper IV (Unit III & IV)	20
		M.Sc. SEM III/SEM IV	04	06	Paper II (Unit I) Paper III (Unit III & IV)	
4	Mr. Vaibhav D Kalambe	M.Sc. SEM I / SEM II	04	04	Paper II (Unit III & IV) Paper IV (Unit I & III)	15 + 1
		M.Sc. SEM III/SEM IV	04	04	Paper III (Unit III & IV)	
5	Mr. Praful Kalwade	M.Sc. SEM I / SEM II	04	04	Paper III (Unit III & IV) Paper II (Unit II)	15 + 1
		M.Sc. SEM III/SEM IV	04	04	Paper IV	



## B) Participation in co- Curricular activities:

Sr. No.	Name of Programme	Date	Name of Organizer
1	Seminar Activity M.Sc. 1 <sup>st</sup> Year 1 <sup>st</sup> SEM Seminar Activity M.Sc. 2 <sup>nd</sup> Year 3 <sup>rd</sup> SEM	21/09/2022-16/10/22 18/09/2022 - 20/10/23	Dr. Madhukar Dhongade Mr. Vaibhav D Kalambe Mr. Praful s. Kalwade
2	Seminar Activity M.Sc. 1 <sup>st</sup> Year 2 <sup>nd</sup> SEM Seminar Activity M.Sc. 2 <sup>nd</sup> Year 4 <sup>th</sup> SEM	13/04/23 - 04/05/23 25/03/23 -13/04/23	Dr. Madhukar Dhongade Mr. Vaibhav D Kalambe Mr. Praful s. Kalwade

### FACULTY INFORMATION

1. **Dr. Madhukar Dhongade** : Assistant Professor C.H.B. P.G. Department of Zoology

#### National conference/workshop/seminar attended:

Sr. No.	Conference/ workshop/ seminar/Webinar	Title	Date	Venue
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Nil.

#### Guest Lecture:

Sr.No.	Topic	Presentation	Venue
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#### ANY OTHER ACTIVITY:

Nil.

#### 2. Mr. Vaibhav D Kalambe

##### National conference/workshop/seminar/ attended:

Sr. No.	Conference/ workshop/ seminar/Refresher	Title	Date	Venue
1	Workshop	“Presentation Skills Development”	14/09/2022	Vidya Vikas Arts, Commerce and Science College, Samudrapur.





#### ANY OTHER ACTIVITY:


- 1 Member of Alumni Association Committee.
- 2 Secretary of Marathi Vidnyan parishad.

**3. Mr. Praful S Kalwade:** Assistant Professor C.H.B. P.G. Department of Zoology

Sr. No	Tittle of paper	Author	Journal name	Year	Page
1	Biodiversity of Moths in Hinganghat Taluka, Wardha, Maharashtra (India)	Chandrakar M. R. 1,*, Kalwade P. S. 1 , Pachlore G. S.2	Advances in Zoology and Botany 10(1)	2022	18-24,
2	Annotated Checklist Of Butterflies On Campus Of Bajaj College Of Science, Wardha, Maharashtra, India	M. R. Chandrakar1 *, G. S. Pachlore2 , P. S. Kalwade1 and Nikita Gupta1	Ann.Entomol.	2022	99-103

## DEPARTMENTAL ACTIVITY:

### 1) Workshop on Presentation Skill.

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NAAC Reaccredited B++ (CGPA: 2.8)

**Programme Report**


- Name of Program / Event: Workshop on Presentation skill
- Name of the Organizing Department: P.G. Dept. of Zoology and Botany
- Date, Venue, Time: 14<sup>th</sup> September 2022, Room No. 44, Vidya Vikas College, Samudrapur at 1:00 – 3:00 PM
- Number of participated students: 95 +
- Name of the speaker: Mr. Vaibhav Kalambe, Mr. Praful Kalwade and Mr. Akshay Uike.

**Introduction of the event:**  
This program is conducted by P.G. Dept. of Zoology and Botany for all students. As we know, these students are new comer in this college and for the seminar and presentation they need to know the knowledge about the presentation so this workshop was organized.


**Objective of the event:**

- To know basics about the presentation.
- To know how to prepare presentation.
- To know body language during presentation.
- To know about benefits of studying this course.

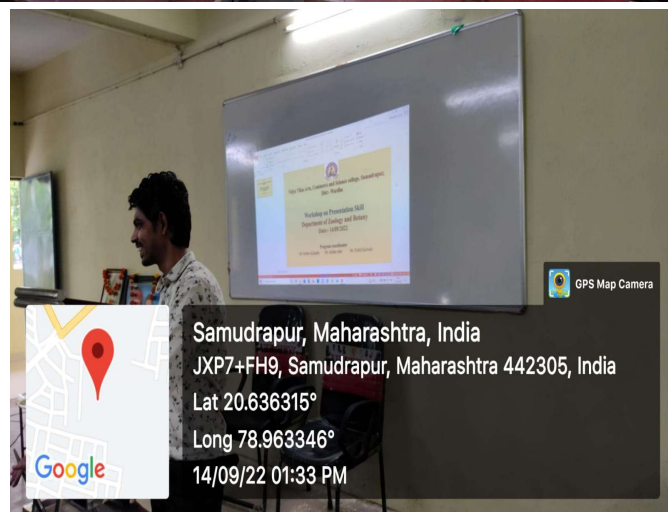
**Photographs:**



Samudrapur, Maharashtra, India  
JXP7+FH9, Samudrapur, Maharashtra 442305, India  
Lat 20.636354°  
Long 78.963334°  
14/09/22 02:55 PM



Samudrapur, Maharashtra, India  
JXP7+FH9, Samudrapur, Maharashtra 442305, India  
Lat 20.636354°  
Long 78.963334°  
14/09/22 02:44 PM



### 2) 108<sup>th</sup> Indian Science Congress International Conference, Nagpur

#### Photographs:





#### 4) Bridge Course.

VIDYA VIKAS SHIKSHAN SANSTHA, HINGANGHAT  
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POST GRADUATE DEPARTMENT OF ZOOLOGY



#### Bridge Course Syllabus of Zoology

Unit I: Basic concepts of taxonomy and Classification, Kingdom Animalia and general characters of Phylum (3 Hours)

Unit II: The cell- Prokaryotic and Eukaryotic Cell, Basics of Cell Cycle, Cell division and Cell Communication (4 Hours)

Unit III: Central Dogma: Basic of structure of DNA, RNA and Replication, Transcription and Translation process (4 Hours)

Unit IV: Basics of Animal System – Digestive system, Respiratory System, Excretory System, Circulatory system (4 Hours)

#### APTITUDE TEST RESULT (ZOOLOGY SEM I)

Date:- 29/08/2022

#### POST - DEPARTMENT OF ZOOLOGY

Sr. No.	Student Name	Marks Obtained / Total
1	Achal B Watkar	24/50
2	Chanda A Warbhe	20/50
3	Chandrakala R Telrandhe	25/50
4	Diksha V Dange	18/50
5	Divya Y Bakane	19/50
6	Harish R Ghawghawe	12/50
7	Himani O Karmore	29/50
8	Komal R Yelekar	14/50
9	Krunali R Telrandhe	29/50
10	Nandini D Thaware	28/50
11	Neha P Changale	20/50
12	Pallavi K Arade	22/50
13	Pranali M Hepat	27/50
14	Roshan H Nannaware	30/50
15	Shital V Kalwade	34/50
16	Shreya S Thakur	24/50
17	Shubhangi V Navghare	20/50
18	Tejal M Kawale	25/50
19	Tina A Wandhare	30/50
20	Vaishali G Burile	28/50
21	Vaishnavi J Warutkar	24/50
22	Vaishnavi M Kalwade	19/50

HOD

Principal

HOD

Teacher In charge

5) Innovation and Best practices of Post Graduate Department of Zoology.  
On Occasion of National Science Day Department of Post Graduate  
Department of Zoology organized Different Activities like  
M.Sc. SEM I:- Shapes of Animals and insects carries from the waste material.  
M.Sc. SEM III:- Plantation in Garden.



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#### Programme Report

Reaccredited B++ (CGPA: 2.8)

- **Name of Program / Event:** National Science day
- **Name of the Organizing Department:** P.G. Dept. of Zoology
- **Date, Venue, Time/ Duration:** 27 and 28<sup>th</sup> February 2023, Dept. of Zoology, VidyaVikas College, Samudrapur
- **Number of participated students:** 44
- **Name of the guest:** Dr. Gaurav Bhosekar, Dr. N. S. Shiirbate

#### Introduction of the event:

This program is conducted by P.G. Dept. of Zoology students. The Themes was Shapes of Animal & insects carries from the waste materials M.Sc. I Year and for M.Sc. 2<sup>nd</sup> Year students done Plantation in biological Garden on the occasion of National Science Day.

#### Objective of the event:

- To enhance the creativity of students.
- To know the value of environment, benefits of trees, beautification in the college.
- Aware students to reduce the environmental and health hazard that arrive from indiscriminate dumping of waste and pollution of natural resources like the land, water and air.
- To protect our environment from pollution and contamination and repair and reduce the damage cause by pollution.

#### Photographs:



#### Outcome:

Student were motivated about how the conservation of animals are important. Students were inspire about the significance of animal welfare and the need to protect their rights.

P.G. Department of Zoology  
Date: 03 October 2022  
Place: Samudrapur



## 6) Open Quiz Competition On National Science Day

**VIDYA VIKAS SHIKSHAN SANSTHA, HINGANGHAT**  
**VIDYA VIKAS ART'S, COMMERCE & SCIENCE COLLEGE,**  
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 NAAC Reaccredited B++ (CGPA: 2.8)

**Programme Report**

- Name of Program / Event : Open quiz on National Science day
- Name of the Organizing Department: Vidya Vikas Arts, Commerce and Science College, Samudrapur.
- Date, Venue, Time/ Duration: 28 February 2023 at Auditorium Hall, Vikas College, Samudrapur at 11.00 to 12.30 noon.
- Number of participated students: 84
- Number of gift winner: 10

**Introduction of the event:**  
 Vidya Vikas Arts Commerce and Science College organized an Open Quiz Competition on the topic of General Science on 28th February, on the occasion of Science Day. The objective of the event was to promote scientific knowledge and encourage the students to develop a passion for science.  
 The event was attended by 84 participants who were excited about the opportunity to showcase their knowledge and skills in science. The program was organized by Praful Kalwade, the coordinator of the Department of Zoology, with the support of faculty members from various departments. The guest for the event was Rahul Pawar, the president of Marathi Vidnyan Parishad, and the chief guest was Vaishali Maske Madam from the Department of Physics.

**Objective of the event:**

- To promote scientific knowledge and understanding among participants.
- To encourage participants to develop an interest in and passion for science.
- To test the participants' knowledge and understanding of various scientific concepts.
- To provide a platform for participants to interact and network with peers and experts in the field of science.
- To enhance participants' knowledge and understanding of scientific concepts that will be useful in their academic pursuits and future careers.

**Photographs:**

### Outcome:

- Participants gained a better understanding of various scientific concepts and principles.
- Participants were able to apply their knowledge of science in practical situations and problem-solving.
- The quiz helped to identify areas of strength and weakness for participants, which can guide future learning.
- The event provided an opportunity for participants to interact and network with their peers and experts in the field of science, building their professional network.
- Participants gained a sense of accomplishment and motivation to further pursue scientific knowledge and learning.

*Mr. Praful S. Kalwade*  
 Name and Sign of event In charge

Date : 28/02/2023

Place: Samudrapur

*Principal*  
**Principal**  
 Vidya Vikas Arts Comm &  
 Science College, Samudrapur

### VIDYA VIKAS ART'S, COMMERCE AND SCIENCE COLLEGE, SAMUDRAPUR

#### FEEDBACK FORM

Name of Student: Harshada Gulabsar Raut  
 Department: Botany Class: M.Sc. Session: 2021-23 Contact No.: 9370468729  
 Name of Programme: Open Quiz Competition

- What have you felt about this programme?  
 (A) Excellent (B) Very Good (C) Good (D) Average
- Is this speech of the resource person/ guest influential?  
 (A) Yes (B) No
- Are such programmes useful for you?  
 (A) Yes (B) No
- Do you find this programme important for your future?  
 (A) Yes (B) No
- Have you got aware in your life from this programme?  
 (A) Yes (B) No
- Give suggestions if any for further improvement