

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 2023-24

1. Faculty profile

| Sr. No | NAME             | DESIGNATION         | QALIFICATION                 | EXPERIENCE(Years) |
|--------|------------------|---------------------|------------------------------|-------------------|
| 1      | Dr. M.S.Ambatkar | Prof. & Head        | M.Sc. B.Ed. Ph.D.            | 11 years          |
| 2      | Dr.A.M.Bhende    | Assistant professor | M.Sc. M.Phil. B. Ed.<br>Ph.D | 11 years          |

2. Student Information

| Class          | Admitted Students | Appeared for exam | Pass | Success % | Fail |
|----------------|-------------------|-------------------|------|-----------|------|
| B.Sc. Sem. I   | 105               | ---               | --   | --        | --   |
| B.Sc. Sem. II  | 105               | --                | --   | --        | --   |
| B.Sc. Sem. III | 97                | 96                | 94   | 97 %      | 02   |
| B.Sc. Sem. IV  | 97                | --                | --   | --        | --   |
| B.Sc. Sem. V   | 85                | 84                | 81   | 97 %      | 03   |
| B.Sc. Sem. VI  | 85                | --                | --   | --        | --   |

**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 30/04/2024
- In Library number of Journals and Magazines are available.
- Zoology Internet Facility and also N- List online journal are available.

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

- Zoology Department has major and minor instruments Costing Rs.642238 up to 30/4/2024. These instruments are used by students for regular practicals.

**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 lectures, 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<br>B. Sc sem. III/ IV<br>B. Sc. semV/VI | 02<br>02<br>00   | 03<br>06<br>03 | 16              |       |         |
| 2       | Dr. A.M.Bhende            | Zoology | B.Sc. sem. I/ II<br>B. Sc sem. III/ IV<br>B. Sc. semV/VI | 02<br>01<br>02   | 09<br>03<br>03 | 20              |       |         |
| 3       | Miss. S. P. Dharmik (CHB) | Zoology | B.Sc. sem. I/ II<br>B. Sc sem. III/ IV<br>B. Sc. semV/VI | 02<br>02<br>02   | 03<br>00<br>00 | 09              |       |         |
| 3       | XYZ                       | Zoology | B.Sc. sem. I/ II<br>B. Sc sem. III/ IV<br>B. Sc. semV/VI | 00<br>01<br>02   | 19<br>15<br>18 | 45              |       |         |

**B) Participation in co- Curricular activities:**

| Sr. No. | Name of Programme                          | Date                               | Name of Orgnizer                     |
|---------|--------------------------------------------|------------------------------------|--------------------------------------|
| 1       | Seminar Activity B.Sc. 5 <sup>th</sup> Sem | 16 & 17 <sup>th</sup> October 2023 | Dr. M.S.Ambatkar<br>Dr. A. M. Bhende |
| 2       | Seminar Activity B.Sc. 6 <sup>th</sup> Sem | 22 & 23 April 2024                 | Dr. M.S.Ambatkar<br>Dr. A. M. Bhende |



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

National conference/workshop/seminar attended:

| Sr. No. | Conference/ workshop/ seminar/Webinar | Title | Date | Venue |
|---------|---------------------------------------|-------|------|-------|
| 1       | Nil                                   |       |      |       |

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 | Score |
|        | Nil                                                       |                                      |                   |       |

| 2. | Publications (Other Than Research Papers) - |                                               |                                                                        |                                                                                                        |       |
|----|---------------------------------------------|-----------------------------------------------|------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-------|
|    | 1                                           | Title of Patents                              | Details of publication                                                 | Published date                                                                                         | Score |
|    |                                             | Water purification system using organic food. | Application number<br>2023210654<br>11<br>Date of filing<br>28/09/2023 | Department of industrial policy and promotion ministry of commerce and industry .Government of India . |       |

ANY OTHER ACTIVITY:

- Coordinator of Lab maintenance committee
- Coordinator of IT infrastructure committee.
- Guest Lecture on "World Water Day"
- Guest for "Mahatma Phule Jayanti"
- Member of BOS in RTM Nagpur university Nagpur
- Number of Ph.D registered students 4



## 2. Dr. A. M. Bhende

National conference/workshop/seminar/ attended :

| Sr. No. | Conference/ workshop/ seminar/Refresher | Title | Date | Venue |
|---------|-----------------------------------------|-------|------|-------|
|---------|-----------------------------------------|-------|------|-------|

## Publication (Research papers/books)

| Sr. No. | Title of paper                                                                          | Authors | Conference Proceedings                                                              | Organized by                                                                                           | Page                                                          | Impact Factor |
|---------|-----------------------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------|
| 1       | Physiological Stress-Induced Alterations in Physiology of Students During Examination . | 01      | .UGC Sponsored National Conference on Recent Advancements in Science and Technology | Vidya Bharti Mahavidyalaya ,Amravati in collaboration with SSSKR Innani Mahavidyalaya Kuranja (Lad ) . | ISBN 978-81-1993-25-5. Page 188-192.<br><br>Year -10 Feb.2024 |               |
| 2       | .                                                                                       |         |                                                                                     |                                                                                                        |                                                               |               |

| Publications (Other Than Research Papers) - |   |                                                                                                                      |                                                                                 |                                                                                                        |       |
|---------------------------------------------|---|----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-------|
| 2                                           | 1 | <b>Title of Patents</b>                                                                                              | Details of publication                                                          | Published date                                                                                         | Score |
|                                             |   | Method of finding a solution to einstein field equations by considering by considering a modified takabay ASI string | Application No.20232105271 S A<br><br>Date of filling of Application 05/08/2023 | The patent office Journal India No.40/2023 Dated 06/10/2023.                                           |       |
|                                             | 2 | Water purification system using organic food                                                                         | Application number 202321065411<br>Date of filling 28/09/2023                   | Department of industrial policy and promotion ministry of commerce and industry .Government of India . |       |

### Presented research papers in National Conference :

| Sr.No. | Topic                                                                                       | Presentation     | Venue                                                                                                                                     | Date        |
|--------|---------------------------------------------------------------------------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| 1      | Age dependent changes in human blood pressure in general population around Wardha District. | PPT presentation | Vidya Bharti Mahavidyalaya, Amravati in collaboration with SSSKR Innani Mahavidyalaya Karanja (Lad). ISBN 978-81-1993-25-5. Page 188-192. | 10 Feb.2024 |

### 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 admission committee.
- 5 Participation in cultural programme organized by tahsil kaaryaalay Samudrapur.
- 6 Participation in Rangoli competition organized by Voting registration officer 46-Hinganghat Vidhan sabha voter sangh Hinganghat District Wardha.
- 7) Number of Ph.D registered students 04

### DEPARTMENTAL ACTIVITY:

- 1) Bridge Course for BSc Student.



BRIDGE COURSE FOR BSC STUDENTS  
WARDHA COLLEGE, WARDHA  
ADDRESS: PLOT NO. 1, WARDHA-431001  
CONTACT: 020-2666666, 020-2666667  
Website: www.wardha.ac.in

#### Programme Report

- 1. Name of Program / Course: Bridge course
- 2. Name of the Organizing Department: Department of Zoology
- 3. Date: From: 15/12/2023 To: 15/12/2023
- 4. Number of participants/ students: Twenty students/ research scholar : 22
- 5. Name of the speaker / guest: Dr. M. S. Bhatnagar, Dr. A. M. Bhatnagar
- 6. Venue of the event: (if any):
- 7. Date of the event: (if any):

The purpose of a bridge course is to facilitate a smooth transition for students from one educational level to another or from one discipline to another. It serves as a preparatory program that helps students bridge the gap between their current knowledge/skills and the requirements of the next educational level or the target field of study. Bridge courses aim to prepare students academically for higher education by reinforcing fundamental concepts and skills.

#### Objectives of the event: (Maximum 5 bullet points)

- 1. Enhance foundational knowledge: The bridge course helps students build a strong foundation in key subjects related to their field of study.
- 2. Develop research skills: Bridge courses are designed to give students some research experience and develop their research skills.
- 3. Strengthening interest: The bridge course ensures that students have a clear understanding of the research principles and concepts.
- 4. Academic preparation: Ultimately, the primary objective of a bridge course is to ensure that the students are academically prepared.
- 5. Bridging the knowledge gap: The course helps students in bridging the gap between their current knowledge and the requirements of the target field of study.

#### Outcomes

- 1. Academic Readiness: The bridge course helps BSc students become academically prepared for the challenges ahead.
- 2. Improved Performance: Students who participate in a bridge course have experienced improved performance in their BSc studies.
- 3. Confidence Boost: Bridge course boost student confidence levels.
- 4. Better Understanding of Career Options: The bridge course has included career counseling at the end of the course, that helps students gain a better understanding of various career paths available in BSc graduates.

Name and Sign of your In-charge  
Dr. M. S. Bhatnagar  
Dr. A. M. Bhatnagar

Date: 15/12/2023  
Place: Wardha

Signature  
Dr. M. S. Bhatnagar  
Dr. A. M. Bhatnagar  
Wardha College, Wardha  
Dist. Wardha, M.S.

## 2) Hands on Experience and maintenance of Instruments for lab Attendants.

**PROGRESS REPORT**

**Name of Program / Project:** Hands on Experience and maintenance of Instruments for lab Attendants

**Name of the Organizing Department:** Department of Zoology

**Date / From:** 17<sup>th</sup> November 2021

**To:** 18<sup>th</sup> November 2021

**Number of participants:** 10

**Name of the speaker:** Dr. B. S. Reddy

**Description of the event:**  
The program was conducted by Department of Zoology, Usha Yashwantrao Chavan Mahavidyalaya, Rajahmundry. The program was held on 17<sup>th</sup> and 18<sup>th</sup> November 2021. The program was held in the Department of Zoology, Usha Yashwantrao Chavan Mahavidyalaya, Rajahmundry.

**Objectives of the event:**  
The program was conducted to provide hands on experience and maintenance of Instruments for lab Attendants.

**Activities:**  
1. Introduction to the program  
2. Hands on Experience and maintenance of Instruments  
3. Q & A Session  
4. Vote of Thanks  
5. Distribution of Certificate



Overall, the program was a success and provided a valuable learning experience for the participants.

Signature of the Faculty Member

*[Signature]*  
Name of the Faculty Member

Date

## 3) Faculty Development Programme.

**PROGRESS REPORT**

**Name of Program / Project:** Faculty Development Programme

**Name of the Organizing Department:** Department of Zoology

**Date / From:** 17<sup>th</sup> and 18<sup>th</sup> Nov 2021

**To:** 19<sup>th</sup> November 2021

**Number of participants:** 10

**Name of the speaker:** Dr. B. S. Reddy

**Description of the event:**  
The Faculty Development Programme was conducted by Department of Zoology, Usha Yashwantrao Chavan Mahavidyalaya, Rajahmundry. The program was held on 17<sup>th</sup> and 18<sup>th</sup> November 2021. The program was held in the Department of Zoology, Usha Yashwantrao Chavan Mahavidyalaya, Rajahmundry.

**Objectives of the event:**  
The program was conducted to provide hands on experience and maintenance of Instruments for lab Attendants.

**Activities:**  
1. Introduction to the program  
2. Hands on Experience and maintenance of Instruments  
3. Q & A Session  
4. Vote of Thanks  
5. Distribution of Certificate



Overall, the program was a success and provided a valuable learning experience for the participants.

Signature of the Faculty Member

*[Signature]*  
Name of the Faculty Member

Date

## 4) Inauguration of Zoological Society.

**PROGRESS REPORT**

**Name of Program / Project:** Inauguration of Zoological Society

**Name of the Organizing Department:** Department of Zoology

**Date / From:** 17<sup>th</sup> November 2021

**To:** 18<sup>th</sup> November 2021

**Number of participants:** 10

**Name of the speaker:** Dr. B. S. Reddy

**Description of the event:**  
The Inauguration of Zoological Society was conducted by Department of Zoology, Usha Yashwantrao Chavan Mahavidyalaya, Rajahmundry. The program was held on 17<sup>th</sup> and 18<sup>th</sup> November 2021. The program was held in the Department of Zoology, Usha Yashwantrao Chavan Mahavidyalaya, Rajahmundry.

**Objectives of the event:**  
The program was conducted to provide hands on experience and maintenance of Instruments for lab Attendants.

**Activities:**  
1. Introduction to the program  
2. Hands on Experience and maintenance of Instruments  
3. Q & A Session  
4. Vote of Thanks  
5. Distribution of Certificate



Overall, the program was a success and provided a valuable learning experience for the participants.

Signature of the Faculty Member

*[Signature]*  
Name of the Faculty Member

Date

5) Guest lecture – Dr. Vivek Sahu

[illegible]

6) Online Workshop on "Intellectual Property Rights (IPR's and Patents)"

- The Urban Institutional Property Rights Programme provided a valuable platform for discussion to enhance their understanding of institutional property rights.
- Participants involved in the programme gained valuable skills related to institutional property, joint law, technology transfer and entrepreneurship which can be transferred to their current institutions and industry.
- Participants in the programme gained a better understanding of the legal and ethical aspects of institutional property which is essential knowledge for success engaged in research and innovation.

*[Signature]*  
Name and Title of event in charge  
Dr. M. S. Anandakrishnan

*[Signature]*  
Name of the Chair  
& Devereux College, East  
Town, Hyderabad





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(Affiliated To RTM Nagpur University, Nagpur)



**POST - DEPARTMENT OF ZOOLOGY**  
**Report 2023-24**

**1. Faculty profile**

| Sr. No | NAME                    | DESIGNATION                   | QALIFICATION     | EXPERIENCE(Years) |
|--------|-------------------------|-------------------------------|------------------|-------------------|
| 1      | Dr. Madhukar Dhongade   | Assistant Professor<br>C.H.B. | M.Sc. Ph.D       | 03 Years          |
| 2      | Mr. Vaibhav D Kalambe   | Assistant Professor<br>C.H.B. | M.Sc. B.Ed. PET. | 03 Years          |
| 3      | Miss. Nikita V. Deotale | Assistant Professor<br>C.H.B. | M.Sc. B.Ed.      | 01 Years          |

**2. Student Information**

| Class          | Admitted Students | Appeared for exam | Pass    | Fail    |
|----------------|-------------------|-------------------|---------|---------|
| M.Sc. Sem. I   | 12                | 12                | 03      | 09      |
| M.Sc. Sem. II  | pursing           | pursing           | pursing | pursing |
| M.Sc. Sem. III | 16                | 16                | 5       | 11      |
| M.Sc. Sem. IV  | pursing           | pursing           | pursing | pursing |

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

a) Changes made in the course of programme during the past two years

OJT Formats added in Syllabus of SEM II.

### 4. The learning resources of the department

#### Library

- In Zoology Department, our library has 365 (Title-170) books costing of Rs.113145 up to 30/04/2024
- In Library number of Journals and Magazines are available.
- Zoology Internet Facility and also N- List online journal are available.

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

- Zoology Department has major and minor instruments Costing Rs.642238 up to 28/4/2024. These instruments are used by students for regular practical.

6. Study Tour: Goa Exertion Tour 27 January 2024 – 02 February 2024.

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 lectures, question answer practices within each 10 days, randomly seminars on completed topics.

**c) Use of ICT:**

- LCD Projector, Computer, Scanner, Internet facilities, smart class room for students education purpose 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 | M.Sc. sem. I/ II<br>M. Sc. sem. III/ IV | 01<br>01         | 01<br>01 | 04              |       |         |
| 2       | Dr. A. M. Bhende        | Zoology | M.Sc. sem. I/ II<br>M. Sc. sem. III/ IV | 01<br>01         | 01<br>01 | 04              |       |         |
| 3       | Mr. Vaibhav D. Kalambe  | Zoology | M.Sc. sem. I/ II<br>M. Sc. sem. III/ IV | 06<br>06         | 06<br>04 | 22              |       |         |
| 4       | Miss. Nikita V. Deotale | Zoology | M.Sc. sem. I/ II<br>M. Sc. sem. III/ IV | 06<br>06         | 06<br>04 | 22              |       |         |



### B) Participation in Co- Curricular activities:

| Sr. No. | Name of Programme                                               | Date                    | Name of Orgnizer                                 |
|---------|-----------------------------------------------------------------|-------------------------|--------------------------------------------------|
| 1       | Model Activity M.Sc. 1st Year 1st SEM (NEP)                     | 15/02/2024 – 26/02/2024 | Dr. Madhukar Dhongade                            |
|         | Seminar Activity M.Sc. 2nd Year 3rd SEM                         | 25/08/2023 – 08/09/2024 | Mr. Vaibhav D Kalambe<br>Miss. Nikita V. Deotale |
| 2       | Field Visit M.Sc. 1 <sup>st</sup> Year 2 <sup>nd</sup> SEM      | 01/03/24 – 23/04/24     | Dr. Madhukar Dhongade                            |
|         | Seminar Activity M.Sc. 2 <sup>nd</sup> Year 4 <sup>th</sup> SEM | 15/01/24 – 20/02/24     | Mr. Vaibhav D Kalambe<br>Miss. Nikita V. Deotale |

### 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 |
|---------|---------------------------------------|-------|------|-------|
| ----    | -----                                 | ----- | ---- | ----- |

#### Guest Lecture:

| Sr.No. | Topic | Presentation | Venue |
|--------|-------|--------------|-------|
| ----   | ----- | ----         | ----- |

#### ANY OTHER ACTIVITY:

-----

**2. Mr. Vaibhav D. Kalambe.**  
**National conference/workshop/seminar/ attended:**

| Sr. No. | Conference/<br>workshop/<br>seminar/Refresher | Title                                                                          | Date                        | Venue                        |
|---------|-----------------------------------------------|--------------------------------------------------------------------------------|-----------------------------|------------------------------|
| 1       | Lecture Series                                | 7 Days National<br>Lecture Series On Life<br>Sciences                          | 07/07/2023 –<br>13/07/2023  | Online Mode<br>(Google Meet) |
| 2       | FDP Program                                   | Faculty Development<br>Programme on<br>Dedication of Art of<br>Teaching        | 13/07/2023 &<br>14/ 07/2023 | Online Mode<br>(Google Meet) |
| 3       | Workshop                                      | Use of A.I. in Life<br>Science Program                                         | 21/09/2023                  | Online Mode<br>(Zoom Meet)   |
| 4       | Workshop                                      | Intellectual Property<br>Rights and Patent                                     | 07/10/2023                  | Online<br>(Zoom Meeting)     |
| 5       | Seminar                                       | Cloud Technology &<br>Information Security<br>and It's Future<br>Opportunities | 23/10/2023                  | Online Mode<br>(Google Meet) |
| 6       | National Workshop                             | Frontier in Biological<br>Sciences: An<br>Interdisciplinary<br>Workshop        | 23/10/2023 to<br>30/10/2023 | Online Mode<br>(Zoom Meet)   |
| 7       | National Webinar                              | Recent Trends in<br>Cosmology and<br>Mathematical<br>Modelling                 | 17/10/2024                  | Online<br>(Zoom Meet)        |

**ANY OTHER ACTIVITY:**

1. Member of Alumni Association Committee.
2. Secretary of Marathi Vidnyan parishad, Samudrapur Vibhag.
3. Worked as Technical Assistance in Many Conferences, Workshop and Programe.

### 3. Miss. Nikita V. Deotale

National conference/workshop/seminar/ attended:

| Sr. No. | Conference/<br>workshop/<br>seminar/Refresher | Title                                                                 | Date                     | Venue                        |
|---------|-----------------------------------------------|-----------------------------------------------------------------------|--------------------------|------------------------------|
| 1       | FDP Program                                   | Faculty Development Programme on Dedication of Art of Teaching        | 13/07/2023 & 14/ 07/2023 | Online Mode<br>(Google Meet) |
| 2       | Workshop                                      | Intellectual Property Rights and Patent                               | 07/10/2023               | Online<br>(Zoom Meeting)     |
| 3       | Seminar                                       | Cloud Technology & Information Security and It's Future Opportunities | 23/10/2023               | Online Mode<br>(Google Meet) |
| 4       | National Webinar                              | Recent Trends in Cosmology and Mathematical Modelling                 | 17/10/2024               | Online<br>(Zoom Meet)        |

#### ANY OTHER ACTIVITY:

- Conducted Educational Tour Student handling.
- Committee member for science exhibition programe.
- Various activities on science day.

## DEPARTMENTAL ACTIVITY:

### 1) Induction Programme of M.Sc. Students

**WILLY VIKAS ARTS, COMMERCE & SCIENCE COLLEGE,**  
WANDRUPUR, DIST. NARASIPUR (PUL)  
Affiliated to Rajawade Telugu University, Nellore  
NAAC Accredited B++ (CPE) 3.83

**Programme Report**

• Name of Program / Event: Induction Programme Report

• Name of the Organizing Department: P.D. Dept. of Zoology

• Date, Venue, Time/ Duration: 25/08/2023 at Willy Vikas College, Samsatpeta

• Number of participated students/ faculty members/ resource persons/ Lab Attendants: 54 Faculty Members and 63 students

• Name of the speaker / guest: Science Faculty

**Introduction of the event:**  
On dated 22<sup>nd</sup> of August 2023 P.D. Department of the Zoology Organized an Induction Programme for M.Sc. 1<sup>st</sup> Year Students of Zoology. An induction program in zoology is designed to orient new students or employees to the field of zoology and prepare them for their academic or professional journey.

**Objectives of the event: (Students, Lecturers)**

1. Welcome and Orientation: Introduces to the department, faculty, and staff, as well as a tour of the facilities and resources available.
2. Curriculum Overview: An overview of the zoology program's curriculum, including courses, prerequisites, and degree requirements.
3. Academic Advising: Guidance on selecting courses, creating a study plan, and meeting with academic advisors to set academic goals.
4. Research Opportunities: Information about research projects, labs, and opportunities for undergraduate or graduate research.
5. Student Organizations: Introduction to zoology-related clubs, societies, and associations that students can join.



### 2) Inauguration of the Zoological Society

**WILLY VIKAS ARTS, COMMERCE & SCIENCE COLLEGE,**  
WANDRUPUR, DIST. NARASIPUR (PUL)  
Affiliated to Rajawade Telugu University, Nellore  
NAAC Accredited B++ (CPE) 3.83

**Programme Report**

• Name of Program / Event: Inauguration of Zoological Society

• Name of the Organizing Department: Department of Zoology

• Date, Venue, Time: 31<sup>st</sup> September 2023, Auditorium Hall, Willy Vikas College, Samsatpeta at 02:00 - 03:00 PM

• Number of participated students: 47

• Name of the speaker: Dr. N.S. Sridhar

**Introduction of the event:**  
On Dated 31<sup>st</sup> September 2023 all B.Sc. and M.Sc. Students gather to mark a momentous occasion, the inauguration of the Zoological Society. This day marks the beginning of an exciting journey into the world of wildlife, conservation, and education. Our society is dedicated to the preservation of Earth's diverse and precious flora, and we are honored to have you all join us on this remarkable adventure.

**Founding of the society:** Founded on the principles of education, research, and advocacy, the Zoological Society aims to foster a deeper understanding of the natural world and its inhabitants. Our mission is to promote the conservation of endangered species, protect vital ecosystems, and inspire future generations to become stewards of our planet.

**Encourage the student to be active participants for the cause of wildlife conservation.** Together, all the students ensure a brighter future for all living creatures that share this magnificent planet with us.

**For this we remain true to our having President, Vice-president, Secretary, Treasurer and four members to carry out various functions of Department of Zoology very sincerely.**

**Objectives of the event:**

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





### 3) Guest lecture on the occasion of "World Animal Day Celebration" Online Mode by Vivek Sahu (Department of zoology, Jawaharlal Nehru Rajkey Mahavidyalaya, Port Blair, Andaman and Nicobar Island).

**VIJAYA VIKAS ARTS, COMMERCE & SCIENCE COLLEGE**  
(Affiliated to Andaman & Nicobar University, Port Blair)  
NAAC Accredited (A) (2016-17)

**Programme Report**

Name of Program / Event : World Animal Day Celebration  
Date, Time, Duration : 09<sup>th</sup> October 2023  
Venue : Online Mode on Google Meet  
Number of Participants : 100  
Name of the speaker / guest : Dr. Vivek S. Sahu  
Department of Zoology, Jawaharlal Nehru Rajkey Mahavidyalaya, Port Blair, Andaman and Nicobar Island  
Present dignitaries : Dr. P. H. Ramesh, Dr. M. S. Ramesh  
Faculty Members : Dr. M. S. Ramesh, Dr. A. S. Ramesh, Dr. V. H. Ramesh and Mrs. S. H. Ramesh

**Introduction of the event:**  
The Department of Zoology organized an online guest lecture on the occasion of "World Animal Day" Online mode by Dr. Vivek Sahu from Department of Zoology, Andaman and Nicobar Island. World Animal Day is an annual global event celebrated on October 4th, dedicated to raising awareness and promoting the welfare and rights of animals. This international day serves as a platform for animal lovers, organizations, and individuals to come together, advocating for the humane treatment and conservation of animals across the world. It provides an opportunity to reflect on the importance of animals in our lives and the need to protect their habitats and well-being, making it a critical date on the calendar for those passionate about the welfare of our fellow creatures.

**Objectives of the event:**  
The objectives of World Animal Day are multifaceted and encompass a wide range of goals, including:  
1. Raising Awareness: One of the primary objectives is to raise global awareness about the diverse issues that impact animals, such as cruelty, exploitation, habitat loss, and endangered species.  
2. Promoting Animal Welfare: World Animal Day serves to advocate for the ethical and humane treatment of animals, highlighting the importance of responsible pet ownership, cruelty-free products, and sustainable practices.

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Dr. M. S. Ramesh  
Name and Sign of event in charge

Dr. P. H. Ramesh  
Name and Sign of event in charge

### 4) One day Online Workshop on "Intellectual Property Rights (IPR's) and Patents."

**VIJAYA VIKAS ARTS, COMMERCE & SCIENCE COLLEGE**  
(Affiliated to Andaman & Nicobar University, Port Blair)  
NAAC Accredited (A) (2016-17)

**Programme Report**

Name of Program / Event : One day Online Workshop on "Intellectual Property Rights (IPR's) and Patents"  
Date, Time, Duration : 09<sup>th</sup> October 2023  
Google Meet Link : <https://meet.google.com/...>  
Number of faculty members / resource scholars : 05  
Target audience : Faculty, Research Scholars, and Postgraduate Students from all disciplines  
Name of the speaker / guest : Dr. Megha Agrawal  
Founder & Director  
Factor Patent Agents & IPR-IPAC Women Scientist, Intellectual Capital LLP

**Introduction of the event:**  
Intellectual Property Rights Programme successfully organized by Vijaya Vikas College, Andaman and Nicobar Island. The event was held on 09<sup>th</sup> October 2023 in online mode in Zoom Platform.

The programme commenced with a warm welcome by the Principal of Vijaya Vikas College, Dr. Ramesh, who expressed his enthusiasm for the event and highlighted the importance of intellectual property rights in today's world. The inaugural address was delivered by an engaging and informative speech.

Dr. Agrawal, representing the Faculty of the programme, introduced Dr. Megha Agrawal in the virtual audience. Dr. Agrawal briefly outlined the importance of intellectual property rights as a Patent Agent and IPR-IPAC Women Scientist, emphasizing her significant contributions in the field of intellectual property rights.

Dr. Megha Agrawal began her session by discussing the importance of protecting one's intellectual creations, be it a research paper or a novel invention. She elucidated the journey from a research paper to a patent, highlighting the steps and considerations involved in converting intellectual ideas into legally protected assets. A lively question and answer session followed the presentation, allowing participants to seek clarifications and gain deeper insights into specific IPR-related queries.

The programme saw active participation from the faculty, research scholars, and postgraduate students from various disciplines. The engaging content of the workshop, Dr. Megha Agrawal, Mrs. Shalini Kulkarni and Dr. Rajesh Kumar played a crucial role in ensuring the smooth execution of the programme. Their dedication and efforts deserve appreciation for making this event a resounding success.

**Objectives of the event:**

- To raise awareness about the importance of intellectual property rights (IPR) in science and research.
- To help researchers to understand the process of converting their research findings into a patentable invention.
- To explore strategies for commercializing research outcomes, including licensing agreements, partnerships and entrepreneurship opportunities.
- To help participants understand about recent changes and developments in intellectual property laws and regulations.



Dr. M. S. Ramesh  
Name and Sign of event in charge

Dr. P. H. Ramesh  
Name and Sign of event in charge

 **VIGNESH VARANASI COMMERCE & SCIENCE COLLEGE,**  
KADAPUR STREET, WARHOLA ROAD (N.S.)  
Affiliated to Kanpur University (U.P.) Degree University, Kanpur  
TEL : 220-220-220-220 / 220-220-220-220 / 220-220-220-220 / 220-220-220-220  
E-MAIL : vvc@vvc.edu.in

**State of activity:** One-day educational tour at Eastwood National Zoological Park, Hager and Evans Science Center, Nagreg

*Names of Programmers Themselves (Chronologically):* Dr. M.A. Jaisankar is

**Details of registration with Address:** One day abstracted, fee required by the Department of Science (Physics, Biology, Chemistry, Physics, Mathematics, Computer Science).

Date of Completion: 11/15/2011

Participation (years): 1980-1981, 1982-1983, 1984-1985, 1986-1987, 1988-1989, 1990-1991, 1992-1993, 1994-1995, 1996-1997, 1998-1999, 2000-2001, 2002-2003, 2004-2005, 2006-2007, 2008-2009, 2010-2011, 2012-2013, 2014-2015, 2016-2017, 2018-2019, 2020-2021, 2022-2023, 2024-2025, 2026-2027, 2028-2029, 2030-2031, 2032-2033, 2034-2035, 2036-2037, 2038-2039, 2040-2041, 2042-2043, 2044-2045, 2046-2047, 2048-2049, 2050-2051, 2052-2053, 2054-2055, 2056-2057, 2058-2059, 2060-2061, 2062-2063, 2064-2065, 2066-2067, 2068-2069, 2070-2071, 2072-2073, 2074-2075, 2076-2077, 2078-2079, 2080-2081, 2082-2083, 2084-2085, 2086-2087, 2088-2089, 2090-2091, 2092-2093, 2094-2095, 2096-2097, 2098-2099, 2100-2101, 2102-2103, 2104-2105, 2106-2107, 2108-2109, 2110-2111, 2112-2113, 2114-2115, 2116-2117, 2118-2119, 2120-2121, 2122-2123, 2124-2125, 2126-2127, 2128-2129, 2130-2131, 2132-2133, 2134-2135, 2136-2137, 2138-2139, 2140-2141, 2142-2143, 2144-2145, 2146-2147, 2148-2149, 2150-2151, 2152-2153, 2154-2155, 2156-2157, 2158-2159, 2160-2161, 2162-2163, 2164-2165, 2166-2167, 2168-2169, 2170-2171, 2172-2173, 2174-2175, 2176-2177, 2178-2179, 2180-2181, 2182-2183, 2184-2185, 2186-2187, 2188-2189, 2190-2191, 2192-2193, 2194-2195, 2196-2197, 2198-2199, 2200-2201, 2202-2203, 2204-2205, 2206-2207, 2208-2209, 2210-2211, 2212-2213, 2214-2215, 2216-2217, 2218-2219, 2220-2221, 2222-2223, 2224-2225, 2226-2227, 2228-2229, 2230-2231, 2232-2233, 2234-2235, 2236-2237, 2238-2239, 2240-2241, 2242-2243, 2244-2245, 2246-2247, 2248-2249, 2250-2251, 2252-2253, 2254-2255, 2256-2257, 2258-2259, 2260-2261, 2262-2263, 2264-2265, 2266-2267, 2268-2269, 2270-2271, 2272-2273, 2274-2275, 2276-2277, 2278-2279, 2280-2281, 2282-2283, 2284-2285, 2286-2287, 2288-2289, 2290-2291, 2292-2293, 2294-2295, 2296-2297, 2298-2299, 2300-2301, 2302-2303, 2304-2305, 2306-2307, 2308-2309, 2310-2311, 2312-2313, 2314-2315, 2316-2317, 2318-2319, 2320-2321, 2322-2323, 2324-2325, 2326-2327, 2328-2329, 2330-2331, 2332-2333, 2334-2335, 2336-2337, 2338-2339, 2340-2341, 2342-2343, 2344-2345, 2346-2347, 2348-2349, 2350-2351, 2352-2353, 2354-2355, 2356-2357, 2358-2359, 2360-2361, 2362-2363, 2364-2365, 2366-2367, 2368-2369, 2370-2371, 2372-2373, 2374-2375, 2376-2377, 2378-2379, 2380-2381, 2382-2383, 2384-2385, 2386-2387, 2388-2389, 2390-2391, 2392-2393, 2394-2395, 2396-2397, 2398-2399, 2400-2401, 2402-2403, 2404-2405, 2406-2407, 2408-2409, 2410-2411, 2412-2413, 2414-2415, 2416-2417, 2418-2419, 2420-2421, 2422-2423, 2424-2425, 2426-2427, 2428-2429, 2430-2431, 2432-2433, 2434-2435, 2436-2437, 2438-2439, 2440-2441, 2442-2443, 2444-2445, 2446-2447, 2448-2449, 2450-2451, 2452-2453, 2454-2455, 2456-2457, 2458-2459, 2460-2461, 2462-2463, 2464-2465, 2466-2467, 2468-2469, 2470-2471, 2472-2473, 2474-2475, 2476-2477, 2478-2479, 2480-2481, 2482-2483, 2484-2485, 2486-2487, 2488-2489, 2490-2491, 2492-2493, 2494-2495, 2496-2497, 2498-2499, 2500-2501, 2502-2503, 2504-2505, 2506-2507, 2508-2509, 2510-2511, 2512-2513, 2514-2515, 2516-2517, 2518-2519, 2520-2521, 2522-2523, 2524-2525, 2526-2527, 2528-2529, 2530-2531, 2532-2533, 2534-2535, 2536-2537, 2538-2539, 2540-2541, 2542-2543, 2544-2545, 2546-2547, 2548-2549, 2550-2551, 2552-2553, 2554-2555, 2556-2557, 2558-2559, 2560-2561, 2562-2563, 2564-2565, 2566-2567, 2568-2569, 2570-2571, 2572-2573, 2574-2575, 2576-2577, 2578-2579, 2580-2581, 2582-2583, 2584-2585, 2586-2587, 2588-2589, 2590-2591, 2592-2593, 2594-2595, 2596-2597, 2598-2599, 2600-2601, 2602-2603, 2604-2605, 2606-2607, 2608-2609, 2610-2611, 2612-2613, 2614-2615, 2616-2617, 2618-2619, 2620-2621, 2622-2623, 2624-2625, 2626-2627, 2628-2629, 2630-2631, 2632-2633, 2634-2635, 2636-2637, 2638-2639, 2640-2641, 2642-2643, 2644-2645, 2646-2647, 2648-2649, 2650-2651, 2652-2653, 2654-2655, 2656-2657, 2658-2659, 2660-2661, 2662-2663, 2664-2665, 2666-2667, 2668-2669, 2670-2671, 2672-2673, 2674-2675, 2676-2677, 2678-2679, 2680-2681, 2682-2683, 2684-2685, 2686-2687, 2688-2689, 2690-2691, 2692-2693, 2694-2695, 2696-2697, 2698-2699, 2700-2701, 2702-2703, 2704-2705, 2706-2707, 2708-2709, 2710-2711, 2712-2713, 2714-2715, 2716-2717, 2718-2719, 2720-2721, 2722-27

**Notes:** *Background:* Department of Science, Virginia Tech, Blacksburg and Science Center, Blacksburg, organized a new day educational trip to Glenwood National Biological Park and Bureau Science Center. *Background:* Trip was organized by Dr. S. E. Shabazz, Dr. M.S. Atchhoff, Mr. Debrahn/Wagih, Mr. Kwan Shi and all other faculty of science department and special officers. *Glenwood National Biological Park* offered an excellent staff experience, to which students received various topics, issues, *Wagih* John assisted. Our educational trip to the Bureau Science Center in Nagay was an enlightening and surprising experience. One of the highlights of our visit was the Science and Environmental program, which was displayed in the form of a series of exhibits, and other educational facilities. In 200, my friends spent a lot and prepared educational trip report. *Continued on the next page.*

Universities of the world

- Student's Journal from the two years as an educational innovator and a hub for research on women's and environmental conservation.
- Student's were inspired to how the zoo may also serve as a center for community engagement.
- Teachers and students work collaboratively for biodiversity.
- Students learn how the Science Centre promotes student environment among people of all ages.
- Students enjoyed it a lot.



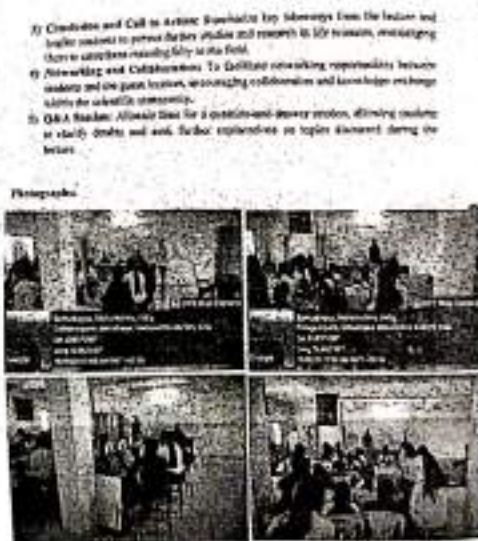

**TATYASAHEB KORE INSTITUTE OF EDUCATION**  
**TATYA VINAYAK ARIYA, COMMERCE & SCIENCE COLLEGE**  
**RAJESHWARPUR, DIST. WASHIM, 431001 (M.S.)**  
**CALL NO: 02-2666600, 2666601, 2666602, 2666603, 2666604, 2666605, 2666606, 2666607, 2666608, 2666609, 2666610, 2666611, 2666612, 2666613, 2666614, 2666615, 2666616, 2666617, 2666618, 2666619, 2666620, 2666621, 2666622, 2666623, 2666624, 2666625, 2666626, 2666627, 2666628, 2666629, 2666630, 2666631, 2666632, 2666633, 2666634, 2666635, 2666636, 2666637, 2666638, 2666639, 2666640, 2666641, 2666642, 2666643, 2666644, 2666645, 2666646, 2666647, 2666648, 2666649, 2666650, 2666651, 2666652, 2666653, 2666654, 2666655, 2666656, 2666657, 2666658, 2666659, 2666660, 2666661, 2666662, 2666663, 2666664, 2666665, 2666666, 2666667, 2666668, 2666669, 2666670, 2666671, 2666672, 2666673, 2666674, 2666675, 2666676, 2666677, 2666678, 2666679, 2666680, 2666681, 2666682, 2666683, 2666684, 2666685, 2666686, 2666687, 2666688, 2666689, 2666690, 2666691, 2666692, 2666693, 2666694, 2666695, 2666696, 2666697, 2666698, 2666699, 2666700, 2666701, 2666702, 2666703, 2666704, 2666705, 2666706, 2666707, 2666708, 2666709, 2666710, 2666711, 2666712, 2666713, 2666714, 2666715, 2666716, 2666717, 2666718, 2666719, 2666720, 2666721, 2666722, 2666723, 2666724, 2666725, 2666726, 2666727, 2666728, 2666729, 2666730, 2666731, 2666732, 2666733, 2666734, 2666735, 2666736, 2666737, 2666738, 2666739, 2666740, 2666741, 2666742, 2666743, 2666744, 2666745, 2666746, 2666747, 2666748, 2666749, 2666750, 2666751, 2666752, 2666753, 2666754, 2666755, 2666756, 2666757, 2666758, 2666759, 2666760, 2666761, 2666762, 2666763, 2666764, 2666765, 2666766, 2666767, 2666768, 2666769, 2666770, 2666771, 2666772, 2666773, 2666774, 2666775, 2666776, 2666777, 2666778, 2666779, 2666780, 2666781, 2666782, 2666783, 2666784, 2666785, 2666786, 2666787, 2666788, 2666789, 2666790, 2666791, 2666792, 2666793, 2666794, 2666795, 2666796, 2666797, 2666798, 2666799, 2666800, 2666801, 2666802, 2666803, 2666804, 2666805, 2666806, 2666807, 2666808, 2666809, 2666810, 2666811, 2666812, 2666813, 2666814, 2666815, 2666816, 2666817, 2666818, 2666819, 2666820, 2666821, 2666822, 2666823, 2666824, 2666825, 2666826, 2666827, 2666828, 2666829, 2666830, 2666831, 2666832, 2666833, 2666834, 2666835, 2666836, 2666837, 2666838, 2666839, 2666840, 2666841, 2666842, 2666843, 2666844, 2666845, 2666846, 2666847, 2666848, 2666849, 2666850, 2666851, 2666852, 2666853, 2666854, 2666855, 2666856, 2666857, 2666858, 2666859, 2666860, 2666861, 2666862, 2666863, 2666864, 2666865, 2666866, 2666867, 2666868, 2666869, 2666870, 2666871, 2666872, 2666873, 2666874, 2666875, 2666876, 2666877, 2666878, 2666879, 2666880, 2666881, 2666882, 2666883, 2666884, 2666885, 2666886, 2666887, 2666888, 2666889, 2666890, 2666891, 2666892, 2666893, 2666894, 2666895, 2666896, 2666897, 2666898, 2666899, 2666900, 2666901, 2666902, 2666903, 2666904, 2666905, 2666906, 2666907, 2666908, 2666909, 2666910, 2666911, 2666912, 2666913, 2666914, 2666915, 2666916, 2666917, 2666918, 2666919, 2666920, 2666921, 2666922, 2666923, 2666924, 2666925, 2666926, 2666927, 2666928, 2666929, 2666930, 2666931, 2666932, 2666933, 2666934, 2666935, 2666936, 2666937, 2666938, 2666939, 2666940, 2666941, 2666942, 2666943, 2666944, 2666945, 2666946, 2666947, 2666948, 2666949, 2666950, 2666951, 2666952, 2666953, 2666954, 2666955, 2666956, 2666957, 2666958, 2666959, 2666960, 2666961, 2666962, 2666963, 2666964, 2666965, 2666966, 2666967, 2666968, 2666969, 2666970, 2666971, 2666972, 2666973, 2666974, 2666975, 2666976, 2666977, 2666978, 2666979, 2666980, 2666981, 2666982, 2666983, 2666984, 2666985, 2666986, 2666987, 2666988, 2666989, 2666990, 2666991, 2666992, 2666993, 2666994, 2666995, 2666996, 2666997, 2666998, 2666999, 2667000, 2667001, 2667002, 2667003, 2667004, 2667005, 2667006, 2667007, 2667008, 2667009, 2667010, 2667011, 2667012, 2667013, 2667014, 2667015, 2667016, 2667017, 2667018, 2667019, 2667020, 2667021, 2667022, 2667023, 2667024, 2667025, 2667026, 2667027, 2667028, 2667029, 2667030, 2667031, 2667032, 2667033, 2667034, 2667035, 2667036, 2667037, 2667038, 2667039, 2667040, 26670**

### Programme Report

- Name of Program / Project / Guest Lecture by Life Science Students
- Name of the Organizing Department, P.O. Box, Dept. of Botany and Zoology
- Date, Venue, Time/Duration: 18<sup>th</sup> February 2024, 5:00 PM - 7:00 PM, College Seminars in P.O. Botany Hall at 11-59-02-08 P.O.
- Number of participating students (nearly 100 students) (maximum 1000)
- Lab Attendance: 45+
- Teaching Faculty: Rakesh Puro, Arshin Thakur, Yashraj Kataria and Aditi Doshi
- Name of the speaker / guest: Dr. Rakesh Puro
- Description of the event:
  - Provide an overview of the interdisciplinary field of life science, emphasizing its importance in understanding living organisms and their environments. Highlight fundamental concepts in both botany and zoology, including taxonomy, physiology, ecology, and genetics. Discuss recent breakthroughs and advancements in life sciences, showcasing how they impact both botanical and zoological studies. Explore the practical applications of life sciences in fields such as agriculture, horticulture, pharmaceuticals, and medicine. Incorporate interactive activities and exercises to engage students actively, allowing them to apply theoretical knowledge to real-world scenarios.

collective of the work

- 1) **Career Opportunities:** Provide insights into various career paths available to M.Sc. graduates in biotechnology and industry, including research, academia, industry, and environmental consultancy.
- 2) **Ethical Considerations and Responsible Conduct:** Address the importance of ethical conduct in scientific research and the responsibility of scientists in ensuring sustainability and ethical practices.



**Pharmacokinetics**

Ukamba

Principal  
Vicky Wang-Kita Coym &  
Queen College, Tempe, Arizona



## 7) Goa Exertion Tour by Department of Zoology.

**GOA EXERTION TOUR**  
Vidya Vikas Arts, Commerce & Science College,  
Samudrapur Dist. Wardha 442305  
(Affiliated to Maharashtra Technical Education, Nagpur University, Nagpur)  
B.A.A. Maharashtra Board, Nagpur

**PROGRESS REPORT**

• Name of Program: Goa Exertion Tour  
• Name of the Organizing Department: Dept. of Zoology  
• Date: 16 January 2024 to 02 February 2024  
• Number of participating students: 14  
• Name of the Participated Faculty: Dr. M. S. Anandkar, Dr. A. M. Bhaskar, and Mr. Yashwanth Kulkarni

• Introduction of the event: An educational tour was organized by our Department in the vacation of winter. Our journey takes us to the captivating coastal paradise of Goa, renowned for its pristine beaches, vibrant culture, and rich biodiversity. This tour offers an immersive experience designed to explore the fascinating world of marine life, with a particular focus on the country's system of its ecosystems and many old churches, houses, Old Goa Church - Basilica of Bom Jesus, Old Goa old, archeological museum of Goa, Portuguese colony and many more.

As we embark on this adventure, participants can look forward to a series of engaging activities, from wildlife surveys to expert-led marine biology and zoology, all our promises to be both educational and exciting. Throughout our time in Goa, we will delve into the intricate ecosystems thriving beneath the waves, encountering an astounding diversity of marine species. From colorful coral reefs teeming with vibrant sea turtles, each moment offers a glimpse into the wonders of the underwater world and the vital role these ecosystems play in global environmental balance. Moreover, this tour emphasizes the importance of conservation and sustainability. As we witness the beauty and diversity of Goa's natural resources, we will also discuss the challenges they face and explore ways to protect and preserve them for future generations.



- Objectives of the event:
1. To provide an immersive experience of the fascinating world of marine life and the importance of protecting its biodiversity.
  2. To explore the rich cultural heritage of Goa, including its architecture, cuisine, and traditions.
  3. To understand the importance of marine life and the role of the Department of Zoology in conserving it.
  4. To provide an opportunity for students to interact with local experts and researchers in the field of marine biology and zoology.
  5. To provide an opportunity for students to learn about the importance of conservation and sustainability in the context of marine life.



- Outcomes:
1. Students gained knowledge about the importance of marine life and the role of the Department of Zoology in conserving it.
  2. Students learned about the rich cultural heritage of Goa and the importance of protecting its biodiversity.
  3. Students gained a better understanding of the importance of conservation and sustainability in the context of marine life.

Dr. M. S. Anandkar  
Dr. A. M. Bhaskar  
Mr. Yashwanth Kulkarni

Date: 02/02/2024  
Place: Samudrapur

## 8) One day Regional Level Workshop for Farmers on "Innovative agricultural Farming"

**VIDYA VIKAS ARTS, COMMERCE & SCIENCE COLLEGE,  
SAMUDRAPUR DIST. WARDHA 442305 (M.S.)**  
(Affiliated to Maharashtra Technical Education, Nagpur University, Nagpur)  
B.A.A. Maharashtra Board, Nagpur

**FARMERS MEET REPORT**

Name of activity: One Day Regional Level Workshop for Farmers on "Innovative Agricultural Farming"

Name of organizer: Dr. M. S. Anandkar, Dr. A. M. Bhaskar, Dr. V. G. Morewar, Dr. A. M. Bhaskar

Details of organization with address: Department of Zoology and Botany, Vidya Vikas Arts, Commerce and Science College, Samudrapur

Date of Completion: 24/02/2024

Participants: Cereals, Sugarcane and Farmers (10 Faculty: 12)

Name of speaker: Dr. Sanjay Chhabra, Dr. Anurag Kumar and Mr. Yashwanth Kulkarni

Brief description: On 24/02/2024 the Department of Zoology and Botany organized one day regional level workshop for farmers on innovative agricultural farming for the local farmers in a rural area of the college.

In the program the invited speakers Dr. Sanjay Chhabra, Prof. Dept. of Physics IITG, Nagpur, Dr. Anurag Kumar and Mr. Yashwanth Kulkarni, Nagpur, gave local information about innovative agricultural farming and its importance. The other speaker Mr. Yashwanth Kulkarni, Faculty and CEO of the college, emphasized on the role of the college in increasing the farmers' income by providing them with the necessary information and resources. The program was inaugurated by the Principal, Dr. M. S. Anandkar, and the Chairman of the college, Dr. A. M. Bhaskar. The program was a great success and the farmers were very happy to participate in it.



- Outcomes:
1. Farmers and students got benefited by this workshop about innovative agricultural farming.
  2. The local participants learned about the knowledge shared by invited guest speakers.
  3. Farmers got aware about innovative farming to increase the economic status.

Date: 29/02/2024

Name: Yashwanth Kulkarni

Dr. M. S. Anandkar  
Name and Sign of Event in charge

Principal  
Vidya Vikas Arts, Commerce  
& Science College, Samudrapur  
Dist. Wardha 442305

Principal  
Vidya Vikas Arts, Commerce  
& Science College, Samudrapur  
Dist. Wardha 442305