

**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 BOTANY

### Report 2020-21

#### 1. Faculty profile

Sr. No	NAME	DESIGNATION	QALIFICATION	EXPERIENCE(Years)
1	Dr. Nayana S. Shirbhate	Asst. Prof. & Head	M.Sc.(Bot.), Net, Ph.D.	10years perms. & 2 (C.H.B.)
2	Dr.V.G. Manwatkar	Assistant professor	M.Sc. (Bot.), B. Ed., Ph.D.	8 year permanent
3	Dr. S.D. Yeotkar	Assistant professor	M.Sc. (Bot.), B. Ed., Ph.D.	6 year perm. & 04 (C.H.B.)

#### 2. Students Profile

Class	Admitted Students	Appeared for exam	Pass	Success %	Fail
<b>B.Sc. Sem. I</b>					
<b>B.Sc. Sem. II</b>					
<b>B.Sc. Sem. III</b>	137	130	130	100%	
<b>B.Sc. Sem. IV</b>					
<b>B.Sc. Sem. V</b>	115	112	112	100%	
<b>B.Sc. Sem. VI</b>					
<b>M.Sc. Sem. I</b>	26	26	26	100%	
<b>M.Sc. Sem II</b>					
<b>M.Sc. Sem.III</b>	14	14	14	100%	

M.Sc. Sem IV					
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### **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**

Minor changes in the syllabus of B. Sc. Semester I to VI in the subject of Botany which have been come to effect from the session 2019- 20 and onwards.

b) **New P.G. Course introduced** in Department from the session 2019- 20 and onwards and having Credit Based System (CBS).

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

#### **Library**

- In **Botany**, our library has 403 books costing of Rs.2,08064.90 up to 31/04/2021 and also forms a sectional library of Botany. Sectional library has total 82 different books and journals. These books are handed over to students for the regular use by the college library.
- In Library number of Journals and Magazines.
- Provide Internet Facility and also N- List online journal are available.

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

- In **Botany** Department has 50 instruments Costing **Rs. 642238** up to 31/4/2021. These instruments use students for regular practicals.

### **6. Study Tour:**

The department does not organized field study tour for the all B.Sc. students, for due to Pandemic situation.

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

#### **a) Teaching methods:**

- Plain Lecture, Question-answer, Interaction, Group discussion, etc on online mode throughout the year.
- Demonstration of practical's online mode.
- Explanation using Charts and Power point presentations.
- Use internet facilities for providing recent information.
- Use Smart board for teaching, smart class room available in college

**b) Evaluation methods:**

- Students are evaluated time to time, for that purpose following practices are conducted viz. Oral, Unit-tests, Seminars, Term-end exam., Home assignments, University examination, surprised test and working and field based project is used through online mode on Google form.

**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 personally at the time of teaching to conduct some extra classes during remedial coaching under mentor – meetee system on zoom meeting. 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	Ms. N. S. Shirbhate	Botany	B.Sc. sem. I/ II B. Sc sem. III/ IV B. Sc. III	03 0 03	06 03 06	21	01	
2	Dr. V.G. Manwatkar	Botany	B.Sc. sem. I/ II B. Sc sem. III/ IV B. Sc. III	03 03 00	06 03 06	21	01	
3	Dr. . S. D. Yeotkar	Botany	B.Sc. sem. I/ II B. Sc sem. III/ IV B. Sc. III	00 03 03	03 06 06	20	04	
4	Ms. S. W. Gulhane	Botany	M.Sc. Sem I/II	01 01 01	09 00 06	18	02	

## B) Participation in co- Curricular activities:

Sr. No.	Name of Programme	Date	Name of Orgnizer
1.	Plantation Programme in College Campus	20-30.06.2020	Dr. N.S. Shirbhate/ Dr. Manwatkar
2.	Essay competition on Theme: Impact of Covid 19 on education system	15-25.09.2020	Dr. Manwatkar
3.	Science Day celebration Poster competition	28.02.2021	Dr. N.S. Shirbhate/ Dr. Manwatkar

## Extra Curricular activities:

### 1. College and self Development Activities

- Plantation; College campus, Village, Garden, etc.
- Water Harvesting
- Library facility Use; use of N-List, books reading, etc

Internet Facility Use: Use of Computer lab through students

- Physical Education: Use of Gym, games, etc.

### 2. Social Activities

- **Cloth Blank:** Our Science society successfully forms a science bank to help poor and needy people of local area and distribute cloth during pandemic situation.
- Visit to slum area during Covid 19 to distribute mask, cloths and food to needy people.

## C) Priority Areas of Research: -

 **Ms. Nayana S. Shirbhate, Assistant Prof. & Head, Department of Botany**

- Details of Ongoing Projects : Nil
- Publications of the faculty the year upto 2019-20: 20
- Conferences attended and paper presentations: 29
- Refresher Course/ Orientation course and Workshop : 10

 **Dr. V.G. Manwatkar, Assistant Professor, Department of Botany**

- Publications of the faculty the year upto 2019-20: 14
- Conferences attended and paper presentations: 20
- Refresher Course/ Orientation course and Workshop : 5

 **Dr. S.D. Yeotkar, Contributory Lecturer, Department of Botany**

- Publications of the faculty the year upto 2019-20: 17
- Conferences attended and paper presentations: 17
- Refresher Course/ Orientation course and Workshop : 3

Place: Samudrapur

Date:- 30 June 2021

Principal

**Name of activity:** Plantation Programme

**Details of organization with Address:** Vida Vikas Arts, Commerce & Science College,  
Samudrapur Dist. Wardha

**Date of Conduction :** 20-30.06.2020

**Class:** Gardner from Wardha and College Staff members

Faculty:- 10                      Organizer - Dr. Vijay Manwatkar and NSS group

**Brief Description:**

The department of Botany has organized plantation Pogaramme in college campus. The main motto of this programme to developed greenery and beatification of in college campus.

**Outcomes of the activity:**

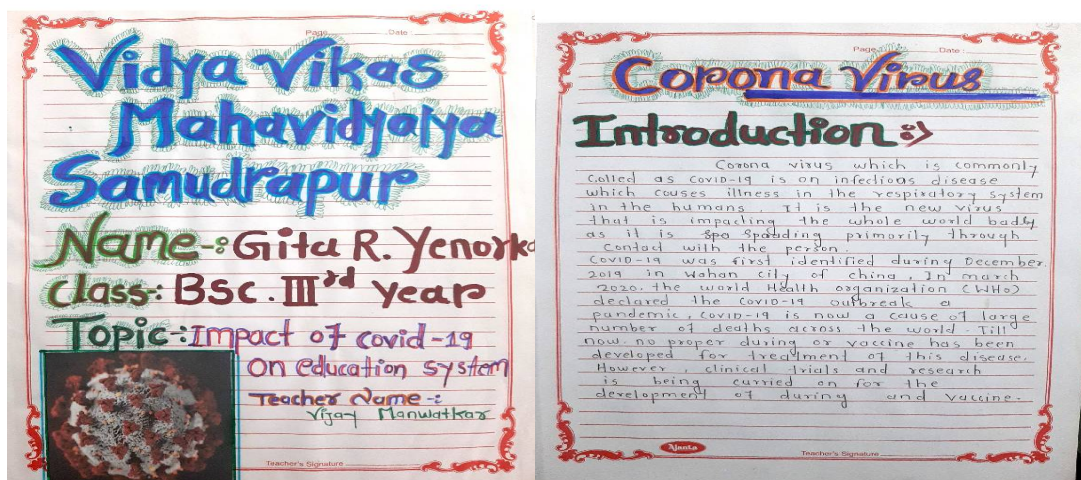
1. To beatification and maintain greenery in college campus

**Photos:**



<b>Name of activity:</b> Field Visit/Project/ Internship :- <b>Essay Writing Report</b>
<b>Details of organization with Address:</b> VidyaVikas Arts, Commerce and Science College Samudrapur.
<b>Date of Conduction :</b> 15 <sup>th</sup> December to 15 <sup>th</sup> January, 2020
<b>Participant Count:</b> Students:-24 Faculty:- <b>Dr. Vijay G. Manwatkar</b>
<b>Brief Description:</b> A neat and beautiful writing always seeks the attention of others. To develop awareness and love for the college an essay writing competition was held for the students of B.Sc. I, II and III year students of CBZ & PCM group. The purpose of the competition was to encourage the students to enhance their thinking and writing skills. The students were participated enthusiastically in the event. The students were asked to write on the topic <b>“Impact of COVID-19 On Education system”</b> they have given ten days of time to submit their essay. The essay was judged on the basis of the student’s vocabulary, writing skill, presentation, creativity, neatness and cleanliness and thinking capabilities. The competition brought out the talent and creativity of the students. It was a successful event and 3 students were adjudged winners.
<b>Outcomes of the activity:</b> <ol style="list-style-type: none"> <li>1.To develop students writing skill and they learn something new about the topic.</li> <li>2. Students improve their background knowledge and become smarter and more intelligent.</li> <li>3. Essay writing is very useful to the students for the development of critical and analytical thinking skills.</li> <li>4. Students train their imagination and creativity when they write their essay.</li> <li>5. To develop awareness to the students that how this pandemic situation affects on their education.</li> </ol>

Photos:



Prepared by

(Dr. Vijay G. Manwatkar)



11:33



**BOTANY** B.Sc 6th Sem

Harshal, Manwatkar, Pradnya, Pratik, Rah...



**Manwatkar Sir**

➔ *Forwarded*

Dear students, This is to bring your kind information that, Department of Botany, Vidya Vikas Arts, Commerce and Science college Samudrapur decide to organize the **ESSAY COMPETITION on Topic \*"IMPACT OF COVID-19 ON EDUCATION SYSTEM"**.

You are request to write the essay on English, Hindi or Marathi language and submit the hard copy at the Botany Department.

The best selected essay has given the Prize with Certificate.

Regards

Department of Botany  
Vidya Vikas Arts, Commerce and  
Science college Samudrapur

12:57 pm

The last date of submission of essay is 15th January, 2021.

1:01 pm

16 December 2020

+91 88882 48257





**Name of activity:** Poster Competition on Clean India green India/Medicinal plants of India

**Details of organization with Address:** Vida Vikas Arts, Commerce & Science College,  
Samudrapur Dist. Wardha

**Date of Conduction :** 28.02.2021

**Class:** B.Sc. Final Sem VI

**Participant Count:** Students:- 44

Faculty:- 2                      Organizer - Dr. N.S. Shirbhate/ Dr. Manwatkar

**Brief Description:**

The department has organized Poster Competition on the occasion of Science Day for the all B.Sc Final year students. The main motto of Competition to develop scientific innovation. Total 44 students had participated in this activity. Student are motivated and benefited through this competition to improve the knowledge about environment and other.

**Outcomes of the activity:**

1. Students should know the uses of plants in everyday life and its medicinal properties
2. Student should aware about cleanliness

**Photos:**



