

**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 CHEMISTRY**

**Report 2024-2025**

**1. Faculty profile**

Sr. No	NAME	DESIGNATION	QALIFICATION	EXPERIENCE (Years)
1	<b>Dr. MEGHASHAM N. NARULE</b>	Associate Prof. & Head	M. S c, M. Ed, Ph. D (Chem), Ph. D(Management).	15 years
2	<b>Dr. R. G. GAJBHIYE</b>	Associate professor	M.Sc., NET, SET, GATE, Ph.D.	15 years
3	<b>Ms. S. W. AWAGHADE</b>	Assistant professor	M.Sc., NET, GATE	13 years

**2. Students Profile**

Class	Admitted Students	Appeared for exam	Pass	Success %	Fail
<b>B.Sc. Sem. I</b>	36	36	34	94.44	2
<b>B.Sc. Sem. II</b>					
<b>B.Sc. Sem. III</b>	117	117	114	97.43	3
<b>B.Sc. Sem. IV</b>					
<b>B.Sc. Sem V</b>	117	112	96	85.71	5
<b>B. Sc. Sem VI</b>					
<b>M.Sc. Sem. I</b>	26	26			26
<b>M.Sc. Sem II</b>					

M.Sc. Sem III	6	6	5	83.33	1
M. Sc. Sem IV					

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

The National Education Policy (NEP) 2020 has been introduced from the 2024-25 session, bringing major changes to the syllabus and admission process of B.Sc. I<sup>st</sup> year. In the subject of Chemistry, minor syllabus modifications for B.Sc. Semester III to VI were implemented from the 2019-20 session onwards.

In the M.Sc. Chemistry program over the past two years, there have been revisions to incorporate NEP 2020, focusing on student-centric, multidisciplinary and flexible learning approaches, with faculty contributing by revising syllabus and implementing new teaching methodologies, as well as developing resources for online learning.

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

**Library**

- In the Library related to Chemistry, a number of books are available for student related to their syllabus as well as reference books.
- In the Library a number of Journals and Magazines are available.
- Provide Internet Facility and also N- List online journals are available.

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

- The Chemistry Department has 60 major and minor instruments costing rupees 674267.

**6. Modern teaching methods practiced and use of ICT in teaching learning.**

**a) Teaching methods:**

- Online Plain Lecture, Question-answer, Interaction, Group discussion, etc.
- Demonstration of practical's.
- Explanation using Charts and Power point presentations.
- College has provided a very good well-equipped laboratory facility. We use it to conduct all the experiments in the laboratory.
- Use internet facilities for providing recent information.
- Use Smart board for teaching, smart class room available in college
- Use different reference books, journals, periodicals, etc.

**b) Evaluation methods:**

- Students are evaluated from time to time, for that purpose following practices is conducted viz. Unit-tests, Seminars, Term-end exam. Home assignments, University examination.

c) Use of ICT:

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

7. Educational tour.

Introduction of event:

- Department of Chemistry organized a one day educational tour to Shriadhveya Shri Atal Bihari Vajpayee Botanical Garden, Visapur Dist. Chandrapur on 21/09/2024.
- Tour was organized by Dr. N. S. Shirbhate, Dr. S.D.Yewatkar, Mr. Rahul Pawar, Mr. Vaibhav kalambe, and all other faculties of science department took special efforts.
- Botanical garden provided an excellent opportunity for student's to explore the diversity of plant species and live models of Physics and Chemistry.
- The Educational tour to the Botanical garden was an enriching experience for both degree and post graduate student's.

Photographs:



Introduction of the event:

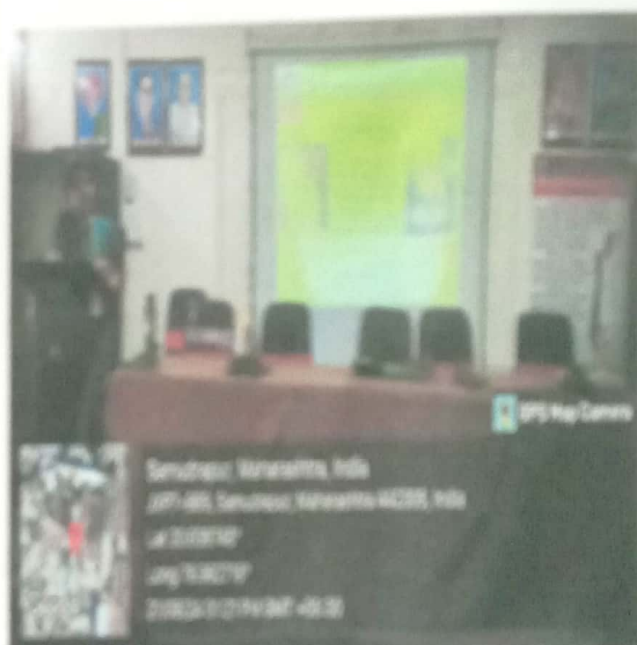
- The Department of Chemistry organized a Bridge Course on Fundamental Chemistry from July 15 to July 27, 2024 for B.Sc. I Year students.
- The Chemical Society was inaugurated by the Department of Chemistry on 20<sup>th</sup> September 2024.
- As per the curriculum of Vidya Vikas College, Samudrapur, department of chemistry organized an Induction programmer for B.Sc. and M.Sc. Sem-I students on 21 August 2024.
- When new students enter an institution, they come with diverse thoughts, backgrounds and preparations therefore it is important to help them adjust to the new environment, familiar with teaching and nonteaching staff of the department.
- Head of Department Dr. M.N. Narule introduced teaching staff and non-teaching staff to students and also told the students about various facilities available in the department like department library, laboratories.
- He gave a valuable message about career opportunities in the field of Chemistry.
- Practical lab introduction was done by Ms. A. O. Bobade.
- Induction programmer helps new students to adjust and feel comfortable in the new environment and Students get familiarized with the department.

#### Photographs:



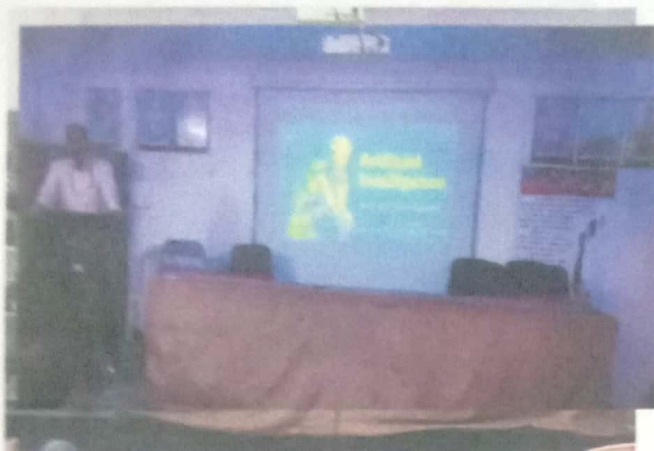
### Introduction of the event

- The Chemical Society of the Department of Chemistry of Vidya Vikas College was inaugurated on 20/09/2024 in the hands Dr. Meghadum Narule, HOD, Department of Chemistry.
- The inaugural function commenced with the lighting of lamps by the faculty members of Chemistry and students welcomed all the faculty members of the Chemistry department with a blossoming bouquet of flowers.



- Ms. Vaishali Bhukta President of the Chemical Society has the privilege to introduce the chemical society members and programs executives for session 2024-25. Society souvenirs were unveiled by the dignitaries on this occasion.
- To form a chemical society, the students get involved in various activities done by the chemistry department.
- Dr. K.G.Rewalkar Sir gave a valuable speech on new trends in AI (Artificial Intelligence).

### Photographs:



### 10. 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 mentees system. During this interaction students can talk 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. Help them with their problem, how to solve and motivate them to learn more and more and become a good person in their life.

### 11. FACULTY INFORMATION:

Participation /contribution of teachers to the academic activities including teaching, consultancy and research.

#### A) Teaching work load

S.N.	Name of Lecturer	Subject	Class	Periods Alloted	Total Work
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				Theo	Pract.	Load
01	Dr. M. N. Narule	Chemistry	M.Sc. Sem.-I	04	00	13
			M.Sc. Sem.-III	03	02	
02	Dr. R. G. Gajbhiye	Chemistry	M.Sc. Sem.-I	04	02	14
			M.Sc. Sem.-III	04	00	
03	Mrs. S. W. Awaghade	Chemistry	M.Sc. Sem.-I	03	01	10
			M.Sc. Sem.-III	04	00	
04	Miss. A O. Bobade	Chemistry	M.Sc. Sem.-I	05	01	19
			M.Sc. Sem.-III	05	02	

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

Sr. No.	Name of Programmed	Date	Name of Organizer
1	PG admission	23 July - 31 Aug 24	A. O. Bobade
2	Educational Tour	21 September 2024	A. O. Bobade

**Extra-Curricular activities:**

1. College and self-Development Activities

Library facility Use; use of N-List, books reading, etc.

Internet Facility Use: Use of Computer lab through students

**C) Priority Areas of Research.**

1. **Dr. M. N. NARULE-** Associate Professor , Head, Department of Chemistry

- Details of Ongoing Projects: 00
- Publications in 2024-25: 03
- Conferences attended and paper presentations: 02
- Refresher Course/ Orientation course and Workshop : 00

2. **Dr. R. G. GAJBHIYE-** Associate Professor, Department of Chemistry

- Publications in 2024-25:03
- Conferences attended and paper presentations: 01
- Refresher Course/ Orientation course and Workshop : 00

**3. Mrs. S. W. AWAGHADE- Asst. Professor, Department of Chemistry**

- Publications in 2024-25: 00
- Conferences attended and paper presentations: 02
- Refresher Course/ Orientation course and Workshop : 01

**Place: Samudrapur**



**Date: 09/04/2025**



**PRINCIPAL**  
**DR. K.G. REWATKAR**