

**VIDYA VIKAS ART'S, COMMERCE & SCIENCE COLLEGE,
SAMUDRAPUR , Dist- Wardha 442305 (MS)**

**DEPARTMENT OF PHYSICS
DEPARTMENTAL PROFILE – SESSION 2022 -2023**

1. Faculty profile :

Sr. No	NAME	DESIGNATION	QALIFICATION	EXPERIENCE (Years)
1	Dr. Kishor G. Rewatkar	Principal	M Sc, Ph. D.	33
2	Mr Sadanand R Sarve	Assist Professor	M Sc, SET	10
3	Mr Nitesh D Shambharkar	Assist Professor	M Sc, NET	9
4	Dr. Shard V Kuhikar	Assist Professor	M Sc, Ph. D.	25
5	Dr. Vaishali D. Maske	CHB Let.	M Sc Ph. D	16
6	Ms. Smita V. Dhuppe	CHB Let.	M Sc	5

2. Students Profile :

Sr.No.	Class	No.of student admitted		Appeared for exam.		Pass out students		Percentage of passing	
		Sem I	Sem II	Sem I	Sem II	Sem I	Sem II	Sem I	Sem II
1	B.Sc.I	72	62	62	--	--	--		--
		Sem III	Sem IV	Sem III	Sem IV	Sem III	Sem IV	Sem III	Sem IV
2	B.Sc II	37	37	37	--	37	--	100	--
		Sem V	Sem VI	Sem V	Sem VI	Sem V	Sem VI	Sem V	Sem VI
3	B.Sc.III	69	69	69	--	18	--	26.08	--
		Sem I	Sem II	Sem I	Sem II	Sem I	Sem II	Sem I	Sem II
4	M Sc I	17	17	17	---	--	--		
		Sem III	Sem IV	Sem III	Sem IV	Sem III	Sem IV	Sem III	Sem IV
5	M Sc II	22	22	22	---	03	--	13.63	--

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

- Dr. K G Reawatkar is Member of board of studies Physics, Gondwana University, Gadchiroli.

4. The learning resources of the department Library :

The department of Physics have departmental library with more than 100 books on subject physics and well utilized by students of B. Sc and M Sc.

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

Major instruments (11) with cost of 570542/- Rs. and minor instruments (100) with cost of 626969/- Rs

6. Guest Lectures/ Activities:

- Bridge Course for B Sc Semester-I from 15 July – 30 July 2022.
- Organized Induction program for B Sc Semester-I students on 12th August 2022.
- Guest lecture of Mr. Pranay B. Wasnik in ‘Ferrites’ on 25th August 2022.
- Inauguration of physics society on 15th September 2022.
- Celebration of ‘International Day for the preservation of the Ozone layer’ on 16th September 2022.
- Organized a activity of wall painting and science day celebration 24th Feb. to 28th Feb. 2023.

8. Participation of students in VUPTA Student Seminar on 20, 21 February 2023 at S. S. Jaiswal College, Arjuni (Mor.). The student of B Sc Sem-V Pranjali Zade wins 1st Prize, and Samir Shindekar B Sc Sem-I wins consolation prize.

9. Modern teaching methods and use of ICT in teaching – learning

a) Teaching methods: ICT Technologies used are Power Point Presentations, YouTube Video, Google forms and quizzes, etc.

b) Evaluation methods: Evaluation of students are done on the basis of performance test and assignments.

c) Use of ICT: whatsapp groups, OBS software, YouTube, Google Forms, Projector and PPT,etc.

a) YouTube Video Channel:

1. *Mr Sadanand R Sarve, Assistant Professor, Physics*

- More than 100 video lectures on the YouTube.

- Channel Link: https://www.youtube.com/channel/UCxJAormxQbjofrxfln_eEPw

2. Dr Nitesh D. Shambharkar , Assistant Professor, Physics.

A) Teaching work load

Sr. No.	Name of the lecturer	Subject	Class	Periods Allotted		Total Work Load
				L	P/T	
1	Shri S. R. Sarve	Physics	B.Sc.I B. Sc II B. Sc. III	02 02 02	03 03+01 06+01	20
2	Shri N.D.Shambharkar	Physics	B.Sc.I B. Sc II B. Sc. III	02 02 02	06 03 + 01 03+01	20
3	Dr. K.G. Rewatkar	Physics	B Sc I B Sc III	02 02		04

1. Mr. S. R. Sarve (Assistant professor):

a) National conference/workshop/seminar attended :

Sr. No.	Conference/workshop/seminar	Title	Date	Venue
1	International Conference	Advances in Materials: Engineering and Technology	19 th Dec. 2022	J D College of Engineering & Management, Nagpur
2	International Conference EMSI-2023	Electron Microscopy	8-10 th February 2023	University of Delhi, India.
3	National Conference	Recent Trends in Physical and Mathematical Sciences	5 th April 2023	N K S Model College, Karanja.

b) Publications (Research Paper/Books etc):

Sr. No.	Title of paper/book	No of Authors	Name of Journal ISSN ad ISBN no	Year	Impact Factor
1	'Luminescence study of Eu ³⁺ Co—doped Y2SiO5:Dy ³⁺ for warm white light application.	05	Paper presented in International Conference	December 2022	-

2	'The structural and magnetic properties of Aluminum substituted Co-Zn Oxide.'	04	Poster presentation on International Conference EMSI-2023.	February-2023	-NPTEL
---	---	----	--	---------------	--------

c) Refresher/ Orientation/Short term course/ Summer school/MOOC/FDP/Workshop :

Sr. No.	Programme	Duration	Organised By
1	Faculty Development Program	Jan-Feb 2023	NPTEL, Indian Institute of Technology, Roorkee.

ANY OTHER ACTIVITY :

1. Coordinator of IQAC for session 2022-23.
2. Member of Academic Administrative Audit Preparation Committee.
3. Member of Academic Calendar Committee.
4. Member of Conference, Workshop, Committee.
5. Member of Library committee.

2. Dr. Nitesh D. Shambharkar (Assistant professo):

a) National conference/workshop/seminar attended :

Sr. No.	Conference/ workshop/ seminar	Title	Date	Venue
1	National Conference on "Sustainable Chemistry and Environmental Science"	Paper presented on "Study of effect of contact time on adsorption of heavy metal on eco-friendly adsorbents"	19/01/2023	Govt. College Lanji, Balaghat (M.P.)
2	National Conference on "Recent Trends in Physical & Mathematical Sciences"	Oral paper Presentation on "Exploration of Some Properties of Alamine doped KDP single Crystals Grown by Rotational and Sankaranarayana - Ramasamy (SR) Method	05/04/2023	Narayanrao Smruti Model College, Karanja (Gh.) Dist. Wardha

b) Publications (Research Paper/Books etc):

Sr. No.	Title of paper/ book	No of Authors	Name of Journal ISSN ad ISBN no	Year	Impact Factor
1					
2					

c) Refresher/ Orientation/Short term course/ Summer school/MOOC/FDP/Workshop :

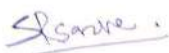
Sr. No.	Programme	Duration	Organised By
1			

ANY OTHER ACTIVITY :

1. Coordinator ECGC for Session 2022-23.
2. Coordinator of Feedback Analysis Committee for session 2022-23.
3. Member of Research consultancy, Project proposal & IPR Examination Committee.
4. Member of Admission Committee.

Date: 04/05/2023

Place: Samudrapur



Mr Sadanand R Sarve
HOD, Assistant Professor
Department of Physics



Mr Nitesh D Shabharkar
Assistant Professor
Department of Physics



Principal
Vidya Vikas Art's Commerce
& Science College, Samudrapur
Dist. Wardha 442305