

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 MATHEMATICS

Report 2024-25

1. Faculty profile

Sr. No	NAME	DESIGNATION	QUALIFICATION	EXPERIENCE (Years)
1	Dr. Shilpa W. Samdurkar	Assistant Professor	M.Sc., Ph.D.	11.10 years
2	Ms. Roshni Pathekar	Assistant Professor (C.H.B.)	M.Sc. , SET, B.Ed.	7 years
3	Mr. Nachiket Thawari	CHB	B.Sc., B.Ed.	1 year

2. Students Profile

Class	Admitted Students	Appeared for exam	Pass	Success %	Fail
B.Sc. Sem. I	19	19	16	84.21 %	-
B.Sc. Sem. II					
B.Sc. Sem. III	54	54	52	96.29	02
B.Sc. Sem. IV					
B.Sc. Sem. V	46	46	43	93.48	03
B.Sc. Sem. VI					
M.Sc. Sem. I	15	15	02	11.11	13
M.Sc. Sem. II					

M.Sc. Sem. III	13	13	06	46.15	07
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.:

- Submitted new syllabus as a member of Board of Studies to R.T.M.Nagpur University, Nagpur in this session.

4.The learning resources of the department

i) Library ii) Google Classroom iii) You-tube links of classes iv) Google meet

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

6.Study Tour: Nil

7.Modern Teaching Methods practiced and use of ICT in teaching – learning

a) Teaching methods: Black Board, Presentations, Google meet and Google Classroom

b)Evaluation methods: Terminal Exam, Unit Tests and Assignments

c) Use of ICT: e-contents, PPT (for example : Applications of mathematics, Group Theory, Differential Equations &Triple Integration)

8. Participation of Teachers in academic and personal counseling of students

i)Conducted Webinar on “Diverse Career Paths in Mathematics : Opportunities and Applications” via google meet on dates 27-10-2024.

ii)Organized online National Level Quiz Competition on the occassion of National Mathematics Day 22nd December

iii)Conducted one week Mission School Connect 2.0 activity during 13-01-2025 to 17-01-2025 at various schools and colleges near Samudrapur associated with RTMNU, Nagpur.

iv)Organized a workshop on “Vedic Mathematics”

v)Conducted extention activity at Mukhtabai school, Samudrapur

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. Shilpa W. Samdurkar	Mathematics	B.Sc. I year (Sem I and Sem II)	4	6	24	04	
		Mathematics	M.Sc. I year (Sem I and Sem II)	5	2			
		Mathematics	M.Sc. II year (Sem I and Sem II)	5	2			
2	Ms. Roshni Pathekar	Mathematics	M.Sc. I /II year (Sem I and Sem II)	25	-	25	05	
3	Mr. Nachiket Thawari	Mathematics	B.Sc. II year (Sem I and Sem II)	08	-	21	01	
			B.Sc. III year (Sem I and Sem II)	08	-			
			M.Sc I year	05	-			
4	XYZ	Mathematics	M.Sc	12	4	16		

B) Participation in Co- Curricular activities:

Sr. No.	Name of Programme	Date	Name of Organizer
	Admission Committee (UG)	July 2024	College
	Workshop organized	28-08-2024	Dr. Shilpa W. Samdurkar
	Extention activity	4-10-2024	Dr. Shilpa W. Samdurkar
	Online Quiz Cometition	23-01-2024	Dr. Shilpa W. Samdurkar
	NSS Camp	27 -01-2025	NSS dept
	Webinar Conducted	27-1-2024	Dr. Shilpa W. Samdurkar
	Mission School Connect 2.0	13-01-2025 to 17-01-2025	Dr. Shilpa W. Samdurkar

C) List of Activities conducted by the department:

S.N.	Title of Activity	Date
2	Bridge Course	16 -07-2024 to 27 -07-2024
3	Induction Programme	17-08-2024
4	Workshop and Inauguration of Mathematical Society	28-08-2024
5	Extension Activity	04-10-2024
6	Webinar Activity	24-10-2024
7	Quiz Competition	23-12-2024
8	Flower decoration Competition	09-01-2025
9	Science Day- Seminar Competition	28-02-2025
10	School Connect activity	13-01-2025 to 17-01-2025

D) Extra Curricular activities:

1. College and Self Development Activities :

Department Activities



Bridge Course



Workshop



Mathematics Day : Quiz Competition



Webinar activity on dated

Mission School Connect



Extension activity



Flower Decoration competition

Self Activity

- Engaged Workshop as a Resource Person at Matoshri College, Hgt
- Delivered Guest Lecture on 8th March 2025 : International Women's Day at ITI , Jam

E) Social Activities: Attended NSS Camp Jan 2025 and organized workshop at school

F) Priority Areas of Research: -

Research Paper Publication	: 02	Book Published	: 03
Paper Presented in Int./nat. Conference	: 02	Ph.D. Registered students	: 01
Conference Attended	: 02	Webinar attended	: 01
Resource Person in Workshop	: 01	Guest Lecture Delivered	: 01

G) Achievement

- Elected Member of Board of Studies(2022 onwards)
- Life membership of Indian Congress Association

Head of the Department

Place: Samudrapur

Date:- / 04 /2025

Principal

(K.G. Rewatkar)

Newspaper Cutting

