

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 2025-26

1. Faculty profile

Sr. No	NAME	DESIGNATION	QUALIFICATION	EXPERIENCE (Years)
1	Dr. Shilpa W. Samdurkar	Associate Professor	M.Sc., Ph.D.	13 years
2	Ms. Roshni Pathekar	Assistant Professor (C.H.B.)	M.Sc. , SET, B.Ed.	8 years
3	Mr. Nachiket Thawari	CHB	B.Sc., B.Ed.	2 year

2. Students Profile

Class	Admitted Students	Appeared for exam	Pass	Success %	Fail
B.Sc. Sem. I	20	19			
B.Sc. Sem. II					
B.Sc. Sem. III	14	14			
B.Sc. Sem. IV					
B.Sc. Sem. V	53	52			
B.Sc. Sem. VI					
M.Sc. Sem. I	06	04			
M.Sc. Sem. II					

M.Sc. Sem. III	18	18			
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(Sem V and Sem VI) as a member of Board of Studies to R.T.M.Nagpur University, Nagpur in the session 2025-26.

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: ITI, JAM

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 15 days “NEP Orientation Programme and Sensitization”associated with MMTTC, Nagpur from 16 Aug 2025 to 30 Aug 2025.

ii) Organized Inuaguration of Mathematical Society

iii)Conducted educational visit at ITI, Jam on 19 Aug 2025

iv)Organized Revision workshop on “Vedic Mathematics” for B.Sc. first year students

v)Organized online State Level Quiz Competition on the occassion of “National Mathematics Day” 22nd December

vi) Carried out extension activity at PM-Shree, ZP school, Samudrapur on 24-12-2025

vii)Conducted Guest Lecture on “Differential Equation and Integral Calculus” at smart room, VVC on 27-01-2026.

viii) Conducted Scientific Rangoli competition on the occasion of Science Day 28th Feb.

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 Mathematics Mathematics	B.Sc. I year (Sem I and Sem II)	4	6	21	-	
			B.Sc. II year (Sem III and Sem IV)	4	6			
			M.Sc. II year (Sem III and Sem IV)	5	4			
2	Ms. Roshni Pathekar	Mathematics	M.Sc. I year	8	-	22		
			M.Sc. II year	4	-			
			B.Sc. III year	9	1			
3	Mr. Nachiket Thawari	Mathematics	M.Sc. I year	11	6	19		
			B.Sc. I year	2	6			
4	XYZ -1	Mathematics	B.Sc. I year	2	10	21		
			B.Sc. II year	2				
			M.Sc II year	8	8			
			total	59	47	-		

B) Participation in Co- Curricular activities:

Sr. No.	Name of Programme	Date	Name of Organizer
	Admission Committee (UG)	July 2025	College
	Orientation programme	15 Aug to 30 Aug 2025	Dr. Shilpa W. Samdurkar
	Educational Visit	19-08-2025	Dr. Shilpa W. Samdurkar
	Extention activity	24-12-2025	Dr. Shilpa W. Samdurkar, Ms. Roshni Pathekar and Nachiket Thawari

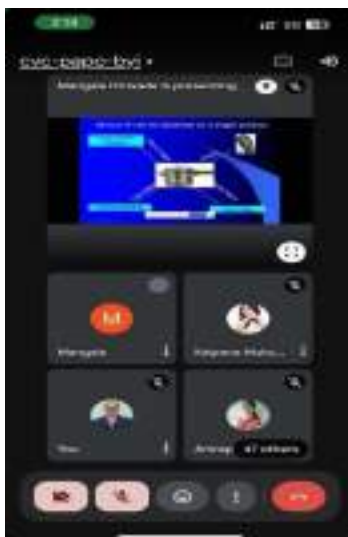
	Online Quiz Competition	22-12-2025	Dr. Shilpa W. Samdurkar and Ms. Roshni Pathekar
	Guest Lecture organized	27-01-2026	Dr. Shilpa W. Samdurkar and Ms. Roshni Pathekar

C) List of Activities conducted by the department:

S.N.	Title of Activity	Date
1	Bridge Course	15/07/2025 to 26/07/2025
2	NEP orientation programme	15/08/2025 to 30-08-2025
3	Induction Programme	20/08/2025
4	Inauguration of Mathematical Society	16/09/2025
5	Educational visit	19/08/2025
6	Extension Activity	24/12/2025
7	NEP Awareness programme for 11 th class	29/11/2025
8	Quiz Competition	22/12/2025
9	Guest Lecture	27/01/2026
10	Rangoli Competition	4/02/2026

D) Extra Curricular activities:

1. College and Self Development Activities : Department Activities





Educational Tour ITI, JAM



Rangoli competition- Science Day



Women's Day : 8th March



Participation in Poster competition: Science Day

Mathematics Day, 22 Dec



Guest lecture organized

Self Activity

- Delivered Guest Lecture on 8th March 2025 : International Women's Day at ITI , Jam
- E)Social Activities: Attended NSS Camp Jan 2026 and organized workshop at school



F) Priority Areas of Research: -

Research Paper Publication	: 03(2+1)	Book Published	: 2
Paper Presented in Int./nat. Conference	: 02	Patent Published	: 01
Conference Attended	: 02	Invited as a Judge for competition	: 02

G) Achievement

- Elected Member of Board of Studies(2022 onwards)
- Life membership of Indian Congress Association
- Ph.D. Supervisor

Head of the Department

Place: Samudrapur

Date:- / /2026

Principal

(K.G. Rewatkar)