

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 2022-23

1. Faculty profile

Sr. No	NAME	DESIGNATION	QUALIFICATION	EXPERIENCE (Years)
1	Dr. Shilpa W. Samdurkar	Assistant Professor	M.Sc., Ph.D.	9.9 years
2	Dr. Subhash D. Tade	P.G. Teacher	M.Sc., Ph.D.	32 years
3	Ms. Roshni Pathekar	Assistant Professor (C.H.B.)	M.Sc. , SET, B.Ed.	5 years
4	Ms. Megha Dekate	CHB	M.Sc., B.Ed.	1 year

2. Students Profile

Class	Admitted Students	Appeared for exam	Pass	Success %	Fail
B.Sc. Sem. I	70				
B.Sc. Sem. II					
B.Sc. Sem. III	39	37	26	70.27%	11
B.Sc. Sem. IV					
B.Sc. Sem. V	69				
B.Sc. Sem. VI					

M.Sc. Sem. I	25	25			
M.Sc. Sem. II	25				
M.Sc. Sem. III	25	25	00	0	25
M.Sc. Sem. IV	25				

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

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: Google meet and google Classroom

b) Evaluation methods: Tests and Assignments

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

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

- i) Conducted Webinar on Robotics and Cloud Technology via zoom meet on dates 27-02-2023
- ii) Conducted one week Online Faculty Development Programme on dated 01-06-2023 to 7-06-2023

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)	07		23	03	
		Mathematics	B.Sc. II year (Sem I and Sem II)	08				
		Mathematics	B.Sc. III year (Sem I and Sem II)	08				
2	Dr. S.D. Tade	Mathematics	M.Sc. I/II year	20		20		
3	Ms. Roshni Pathekar	Mathematics	M.Sc. I/II year (Sem I and Sem II)	22		22	02	
4	Ms. Megha Dekate	Mathematics		08		08		

B) Participation in Co- Curricular activities:

Sr. No.	Name of Programme	Date	Name of Organizer
1	Admission Committee (UG)	July 2022	College
2	Online FDP conducted	1 -06-2023 to 7-06-2023	Dr. S. W. Samdurkar (Research Committee)
3	Women Day Celebration	8/03/2023	Dr. S. W. Samdurkar And Dr. A.M.Bhende
4	NSS Camp	21 -01-2023	Dr.Shilpa W. Samdurkar
5	Webinar Conducted	27-02-2023	Dr.Shilpa W. Samdurkar And Ms. Kiran Daf

C) List of Activities conducted by the department:

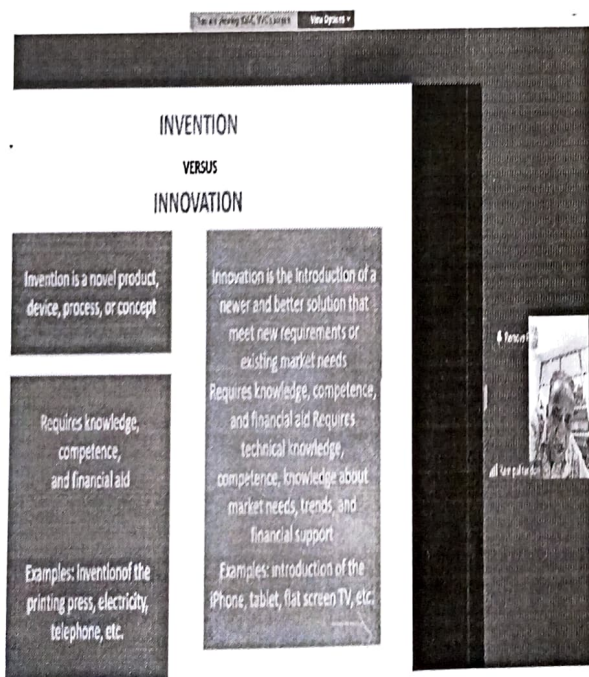
S.N.	Title of Activity	Date
1	Seven – Days Online Faculty Development Programme	1 st -7 th June 2022
2	Bridge Course	15-07-2022 to 26-07-2022
3	Induction Programme	17-08-2022
4	Guest Lecture and Inauguration of Mathematical Society	16-09-2022
5	Seminar Activity	17-10-2022
6	Quiz Competition	22-12-2022
7	Webinar	27-02-2023
8	Model and Chart Making	28-02-2023

D) Extra Curricular activities:

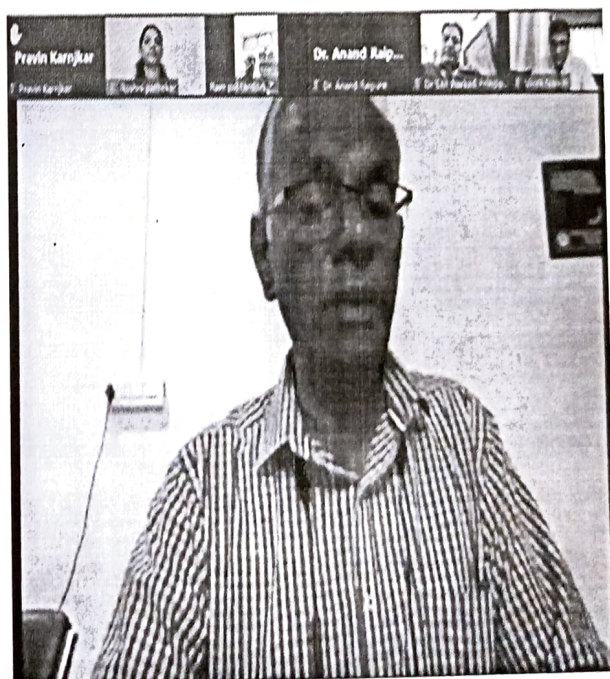
1. College and Self Development Activities :

College Level Activity (National): Convener : Dr. Shilpa W. Samdurkar

Seven – Days Online Faculty Development Programme (1st -7th June 2022)



Keynote Speaker : Dr. Rampal Tandon



Welcome speech by Dr. K. G. Rewatkar

Department Activities

Maths lecture organized at Vidya Vikas College



The department of mathematics, Vidya Vikas Arts, Commerce And Science College Samudrapur, organized guest lecture on the topic 'New curriculum of

Mathematics-RTMNU recently. The head of the department Shilpa W Samdurkar (Pahade) addressed the gathering. The speaker for the guest lecture was **Avinash R Nagpure**, professor and head, department of mathematics, Jawaharlal Nehru Arts, Commerce and Science College, Wadi-Nagpur. The lecture was attended by faculties, students of B.Sc. and M.Sc. The programme ended with a vote of thanks to principal **KG Rewatkar** for his encouragement and support also thanked to vice- principal **N Shirbhate**, guest, faculty and all students.

Guest Lecture organized on 16-09-2022

राष्ट्रीय गणित दिवस पर श्रीनिवास रामानुजन को किया गया याद

संयोजक | विभागाध्यक्ष | समुद्रपुर



राष्ट्रीय गणित दिवस पर श्रीनिवास रामानुजन को याद किया गया। इस अवसर पर कक्षा 12वीं से कक्षा 15वीं तक के विद्यार्थियों के लिए विभिन्न प्रतियोगिताओं में राष्ट्रीय स्तर पर प्रतियोगिताएं आयोजित की गईं। इस कार्यक्रम में पूर्व प्राचार्य करवीनाथ लोखरे, सभी प्रयोग कक्षा के संयोजक संतोषी बेस, मुख्य अतिथि के रूप में शामिल हुए।


मुख्य अतिथि के रूप में शामिल हुए। इस अवसर पर कक्षा 12वीं से कक्षा 15वीं तक के विद्यार्थियों के लिए विभिन्न प्रतियोगिताओं में राष्ट्रीय स्तर पर प्रतियोगिताएं आयोजित की गईं। इस कार्यक्रम में पूर्व प्राचार्य करवीनाथ लोखरे, सभी प्रयोग कक्षा के संयोजक संतोषी बेस, मुख्य अतिथि के रूप में शामिल हुए।

Mathematics Day

VVC holds quiz to mark Ramanujan's birth anniversary

Department of mathematics, Vidya Vikas Arts, Commerce and Science College (VVC), Samudrapur, Wardha, organized online Inter-College Mathematics Quiz Competition recently. The event was held on National Mathematics Day in order to recognize Shrinivasa Ramanujan's immense contribution towards mathematics. The event was conducted by HoD **Dr Shilpa Samdurkar (Pahade)**, co-ordinator **Roshni Patekar** and **Megha Dekate**. In the competition 198 students from Dharampeth College (Nagpur), **Arjuni Morgoan (Gondia)**, **Bhojar College, Pulgaon and Selu (Wardha)**, **Sant Gadge Baba College (Hingna)**, **Devgram College, Mauda College, Mandal College and other institutes** took part. **Dr Shilpa Samdurkar and Roshni Patekar** thanked senior faculty **Dr SD Tade** for his guidance. Event was held under supervision of VVC principal **Dr KG Rewatkar** and vice-principal **Dr Nayana Shirbhate**.

Celebrated Mathematics Day 22 Dec




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DEPARTMENT OF MATHEMATICS

Organizes

Intercollegiate Mathematics Quiz
Competition-2022
on the occasion of
National Mathematics Day 22 December 2022



Shrinivasa Iyengar Ramanujan

Aim:
To develop competitiveness among students. It is an exercise to practice the brief answering in the limited time.

Date : 22nd December 2022 Time: 11.00 to 12 noon
Platform : google form (online)

Coordinator (Ms. Roshni Pathekar)	Head (Dr. Shilpa W. Samdurkar)
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General Instruction:

- > Registration is must.
- > E-certificates will be provided to the registered participants.
- > Quiz link will be provided on respective WhatsApp group at 11 am on December 22.

Registration link: <https://forms.gle/SkYS4bUjRHUHZdke6>

Contact Details
Ms. Megha Dekate (Maths Department) : 9112030492

Best Practice: Quiz Competition



Seminar activity on dated 17/10/2022



Science Day: Models Exhibition 28.02.23

Science Day organised



Dignitaries addressing the gathering.

District Correspondent
WARDHA, Mar 4

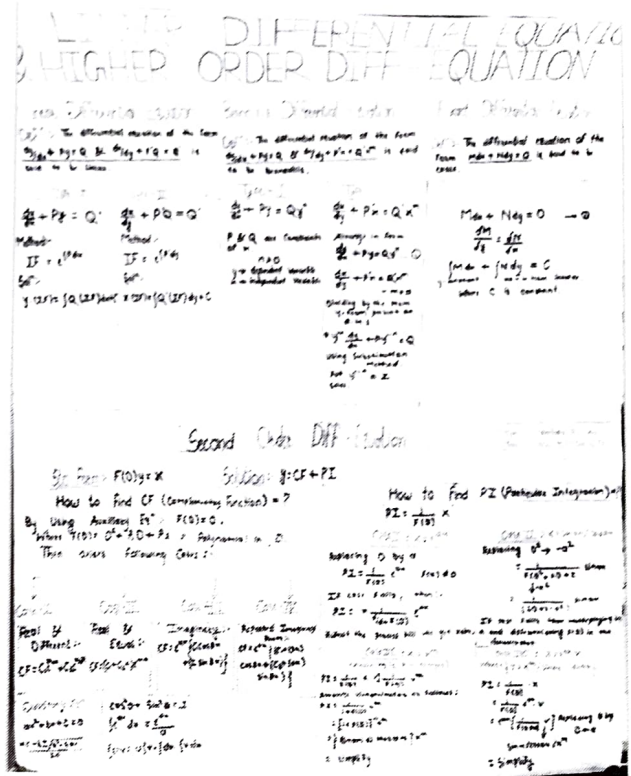
VIDYA Vikas College, Samudrapur, organised Science day programme on the theme of 'Global Science for Global Wellbeing', recently.

Dr Gaurav Bhosekar was chief guest on the occasion. He

gave a lecture on 'Global Science for Global Wellbeing'.

He explained the concept of science and its importance in daily life. Dignitaries encouraged the students to continue their efforts in science and technology.

Several competitions were organised during the event.



Science Day: Guest Lecture

Best Practice: Chart Making



Celebration of 8th March 2023 : International Women's Day

2. Social Activities: Attended NSS Camp Jan 2023

D) Priority Areas of Research: -

- | | |
|--------------------------------------|------|
| ▪ Research Paper Publication | : 02 |
| ▪ Book Published | : 01 |
| ▪ Paper Presented in Int. Conference | : 01 |
| ▪ Ph.D. Registered students | : 01 |
| ▪ Conference Attended | : 02 |
| ▪ Webinar attended | : 02 |
| ▪ Chief Guest in National Conference | : 01 |
| ▪ Guest Lecture Delivered | : 02 |

E) Achievement

- Elected Member of Board of Studies
- Member of LEC
- Life membership of Indian Congress Association

Susamelur

Head of the Department

(Shilpa W. Samdurkar)

Place: Samudrapur

Date:- 27/04/2023

W.S.

Principal
Principal
Vidya Vikas Pratishthan &
Science College Samudrapur