S.S.E.S.AMRAVTI'S SCIENCE COLLEGE, NAGPUR

Annual Report for the Session 2024-2025

Department of Geology

Year of Establishment: UG: 1984,

Number of Certificate / Diploma / Advanced Diploma / PG Diploma Courses run by Departments: 1

2. Total Number of students:

UG		PG		Ph. D.	Others	
B.SC. I	22	M.Sc. I	-		Certificate	1
B.SC. II	33	M.Sc. II	-		Diploma	-
B.SC. III	36	MCA-I	-		Adv Diploma	-
BCA I	-	MCA-II	-			
BCA II	_	-	-			
BCA III	-	-	-			
Total	91	Total	-			

3. Faculty profile of Regular / Permanent Teaching Staff with name, qualification, and designation.

Sr. No	Name	Qualification	Designation	No. of Years of
				Experience
1	Mr. Mahesh D. Phalke	M.Sc., SET	Asst. Professor	05
2	Dr. Pushpa B. Zamarkar	Ph.D., SET	Asst. Professor	05
3	Miss. Apurva D. Fuladi	M.Sc., SET	Asst. Professor	05

4. Faculty profile of Adhoc / Contributory Teaching Staff with name, qualification.

Sr. No	Name	Qualification	Adhoc / Contributory	Teaching at UG /PG Level	No. of Years of
			, and the second		Experience
1					

5. Details of Administrative and Technical staff

Name of the staff	Designation	Permanent /Temporary/ Dailywages
Mr. D.R.Raut	Attendant	Permanent
Mr.Sagar Wankhade	Attendant	Daily wages

6. Faculty recognized as a Supervisor / No of Students Registered

Sr. No	Name of the Supervisor	No of Students Registered	Whether Ph. D. Awarded
1	-	-	-

7. Results of the RTM Nagpur University examinations Winter -2024

Class	Total Number of	Appeared	Passed	Fail	Distinction	Pass %
	Students Admitted					
B.SC.	22	22	13	09	03	59.09 %
Sem- I						
B.SC.	33	33	28	05	02	84.85 %
Sem-III						
B.SC.	36	33	30	03	03	90.91%
Sem-V						
M. Sc.	-					
Sem-I						
M. Sc.	-					
Sem-III						
BCA Sem-	-					
I						
BCA Sem-	-					
III						
BCA Sem-	-					
V						
MCA	-					
Sem-I						
MCA	-					
Sem-III						
MCA	-					
Sem-V						
Ph. D.	-	-	-	-	-	-

8. Results of the RTM Nagpur university examinations, Summer 2025

Class	Total No of Students admitted	Appeared	Passed	Fail	Distinction	Pass %
B.SC. Sem- I						
B.SC. Sem-III						
B.SC. Sem-V						
M. Sc. Sem-II	1					
M. Sc. Sem-	1					
IV						
BCA Sem-II	-					
BCA Sem-IV	-					
BCA Sem-VI	1					
MCA Sem-II	-					
MCA Sem-IV	-					
MCA Sem-VI	-					
Ph. D.	1	-	-	-	ı	-

9. Awards / Recognitions (Merits, Gold Medal, Silver Medal etc.) received by students:

Name of the Student	Class	Details of the awards/Ranks/recognitions	National / State / University/ Dist/ College Level	Year
Rugwed Joshi	B.Sc 3rd Year	Gold Medalist In Geology	University	2023-24

B.Sc	Qualified IIT-JAM (380)	National	2024-25
3rd Year			
B.Sc	Qualified IIT-JAM (1067)	National	2024-25
3rd Year			
B.Sc	Ist rank in state level seminar	State	2024-25
3rd Year			
B.ScI	Best Poster Presentation Award		2024-25
Year	at the National Conference	University	
	3rd Year B.Sc 3rd Year B.Sc 3rd Year B.Sc 3rd Year	3rd Year B.Sc 3rd Year B.Sc 3rd Year B.Sc 3rd Year B.Sc 3rd Year B.ScI Best Poster Presentation Award	3rd Year B.Sc 3rd Year Qualified IIT-JAM (1067) 3rd Year B.Sc 3rd Year B.Sc 3rd Year B.ScI Best Poster Presentation Award

10. Awards / Recognitions received by faculty:

Name of the	Details of the awards/	International / National / State	Year
Faculty	recognitions	/ University/ Dist/ College Level	
Dr. P. B.	travel grant	National	2024-
Zamarkar			25

11. Faculty participation in conferences/seminar/workshop and symposia:

Name of the	State Level		National Level		International Level	
Faculty	Attended	Presented	Attended	Presented	Attended	Presented
		papers		papers		papers
Mr. M. D.			2	2	1	1
Phalke						
Dr.P.B.	-	-	1	-	1	
Zamarkar						
Miss. A. D.	-	-	1	-	1	
Fuladi						

12. Details of Major / Minor Projects and Research funds sanctioned and received from various funding agencies, industry and other organizations

Name	Major/	Duration	Funding	Grant	Grant Receive	Whether Completed/
of the	Minor/	From -To	Agency	sanctioned	d	Ongoing
Facult	Any other					
y	(Specify)					

13. No of research publications:

Name	Peer Review Journals			Non-Peer Review		Conference proceedings			
of the				Journals					
Faculty	Internat	Internat Natio Oth Internat			Natio	Oth	Internatio	Natio	Oth
	ional	nal	er	nal	nal	er	nal	nal	er
Mr. M. D. Phalke	2	1			1		1	1	

14. No of research publications listed in International Database (SCOPUS / Google Scholar)

Name of the Faculty	No of research publications in SCOPUS	No of research publications in Google Scholar	Citations	h- index	i10- index
		-		-	-

15. Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

16. Details of publication of Chapter in Book/ Book Edited/ Book Published by the faculty

Name of the Faculty	Chapter in Book	Book Edited	Book Published			Year of Publication
			Title of the Book Published	ISBN/ISSN	Publisher	
Mr. M.D. Phalke	-	01	Indian Constitution	978-93-342- 7163-8	TLC	2025

17. Areas of consultancy and Revenue generated through consultancy

Areas of	Revenue generated through	Revenue generated through
consultancy	consultancy before the	consultancy during the assessment
	assessment period	period
-	-	-

18. Conferences/Seminar /workshop/Guest Lect. organized by the Department.

Sr. N o	Conferences/ Seminar/ work shop/ Guest Lect.	International/ National / State/ University/	Title /Topic	Period	Sponsoring Agencies
		College Level			
1	Conference	International	One-day International Multidisciplinary conference on "Climate Change: Contemporary Challenges with Local to Global Perspectives" on 18th September, 2024	1 day	Self Financed

2	Guest lecture	College Level	Talk by Dr. Sunil	1 day	
			kulkarni on, Water		
			for All: Guest		
			Experts and		
			Emerging		
			Opportunities in		
			Canada.		
3	Workshop	College Level	Prof. D. B. Malpe	2 day	Department of
	_		Workshop on "On		Geology,
			Sample itching and		SSESA's Science
			thin section making"		College, Nagpur

19. No. of collaborations linkages

Sr. No	Collaborations	International / National / State / Any Other
1		
2		

20. List of eminent academicians and scientists/visitors to the department.

Sr No	Name	Field	Address	Date of visit
1	Nitin N. Raut	Senior Geologist	GSI	19/3/2024
2	Dr. Nalanda G. Taksande	IGNOU Academic Counsellor	Mohta College, Nagpur	9/3/24
3	Dr Parijat Roy	Senior Scientist	National Centre for Polar and Ocean Research, Goa.	24/2/24
4	Dr. V. Balaram	Head	NGRI, Hydrabad	24/2/24
5	Dr. Chetan Raut	Head	Dept. Geography, Dhanwate College, nagpur	20/2/24
6	Dr. Samaya Humane	Associate Professor	PG Geology Dept. RTMNU	21/10/23
7	Prof. Sumedh Humane	Professor	PG Geology Dept. RTMNU	21/10/23
8	Prof K. R. Randive	Professor	PG Geology Dept. RTMNU	2/1/24
9	Dr Sunil Kulkarni	Senior Scientist	Canada	26/03/2025
10	Prof. D.B. Malpe	Ret. Professor	RTMNU Nagpur	11/04/2025

21. Details on student enrichment programs (special lectures/workshops/seminar) with external experts:

Title/ Topic of	Whether lectures/	Name of the	Details of the	Period of
the Program	workshops/seminar	external	external	Program
	/other	experts	experts	
On Sample	Workshop	Prof. D.B.	Ret. Professor	11/04/2025 to
On Sample itching and thin	Workshop	Prof. D.B. Malpe	Ret. Professor RTMNU	11/04/2025 to 12/04/2025
-	Workshop			

22. Participation in Institutional Social Responsibility (ISR) and Extension activities:

Name of	Details of	Details of	Details of Participation	Details with
the	Participation in	Participation in	in Extension	dates and
Faculty/	Co-curricular activities	Extracurricular activities	activities including Institutional Social Responsibility (ISR)	period
Mr. M. D. Phalke	Field Tour	Conduction of field tour to Ramtek	Teacher Incharge	22/03/2025
Dr. P.B. Zamarkar	Field Tour	Conduction of field tour to Ramtek	Teacher Incharge	22/03/2025
Miss. A. D. Fuladi	Field Tour	Conduction of field tour to Ramtek	Teacher Incharge	22/03/2025

23. List of Alumni of the Departments:

Name	Address	Profes sion	Em ail	Mobile No	Date of Birth	Qualific ation	Pass out year	Institute/Orga nisation
Mr.P.D.Vair agade	VNIT, Campus, Nagpur	Geolog ist	-	750611 2172	2/07/1 990	M.Sc	2013	GSI
Miss.H.Pant awane	Kukade layout,N agpur	Geolog ist	-	784183 5299	31/08/ 1993	M.Sc.	2014	GSI
Miss.P.Pisal	Seminary Hills	Geolog ist	-	844653 1823	26/06/ 1993	M.Sc.	2014	GSI
Miss.S.Tem burne	-	Geolog ist	-	973003 8740	24/09/ 1994	M.Sc.	2015	CGWB

- 24. Plan for the Current Academic Session (2024-25): Wall-Magazine Competition; Active participation in college science exhibition; Field Study Tour Short and Long, Institutional visit to GSI, Nagpur; MCQ type Class tests for IIT JAM exam preparation; Providing E-library and B.Sc geology study material through Google drive platform; Providing IIT JAM examination questions with solved answer and reasoning of past years.
- 25. Future plan for Next Academic Session (2025-2026): Visit to GSI museum on GSI annual Day 4th April 2026, Geological Tour; MCQ type Class tests for IIT JAM exam preparation; Provide E-learning videos to students, organising study tour and institutional visits.
- 26. Any other information: Geological Study Tour and report Every Year.

Date / /

Head Department of Geology