

RAJASTHAN EDUCATION SOCIETY'S



R. A. ARTS, SHRI M. K. COMMERCE AND
SHRI S. R. RATHI SCIENCE MAHAVIDYALAYA,
WASHIM. (M. S.)

$$\sqrt{\{ \text{Māth} \in \text{Māti}^2 \subset \Sigma \}} = \infty$$

The base of science...
The base of life...

Evaluative Report Of The Department

Department of Mathematics

Department of Mathematics

The self evaluation of every department may be provided separately in about 3-4 pages, avoiding the repetition of data.

1	Name of Department	MATHEMATICS
2	Year of Establishment	UG-1983 PG- 2011
3	Name of Programs/ course offered	➤ UG ➤ PG & Ph.D
4	Name of interdisciplinary courses and the Departments/ Unit Involved	NIL
5	Annual / Semesters / choice base Credit System (program wise)	Semesters
6	Participation of Dept. in course offered by Other Dept.	NIL
7	Courses in collaboration with other Universities Industries, foreign institutions etc.	NIL
8	Details of courses / programs discontinued (If any) with reasons.	NIL

9. Number of teaching posts:

Designation	Sanctioned	Filled
Professors	01	01
Associates Professors	00	00
Asst. Professors	00	00

10. Faculty Profile:

Name	Qualification	Designation	Specialization	No. of Years Of Experience	No. of Ph.D. Students guided for the last 4 years
Dr.M.M.Sancheti	M.Sc. Ph.D.	Prof.	Topology	28	---

Mr. C. P. Khupse	M.Sc. B.Ed.	C.H.B	Pure Math's	3	NIL
Mr. M. B. Gotey	M.Sc. B.Ed.	C.H.B	Pure Math's	1 and half	NIL
Miss. G. R. Jaju	M.Sc. B.Ed.	C.H.B	Pure Math's	2 and half	NIL
Miss. S. A. Sadar	M.Sc. B.Ed.	C.H.B	Pure Math's	1 and half	NIL

11. List of senior visiting Faculty

Sr. No	Name of the Faculty	Placement details
1	Dr. S. D. Katore	HOD, SGBAU Amravati
2	Dr. K. S. Adhav	Ex.HOD, SGBAU Amravati
3	Dr. R. S. Rane	Y.C. College, Mangrulpir
4	Ass. Prof. A. R. Gupta	,Shirpur

12. Percentage of lectures delivered and practical classes handled (program wise) by temporary faculty

Sr. No	Name of Faculty	B.Sc-1	B.Sc-2	B.Sc-3	M.Sc-1	M.Sc-2
1	Mr. C.P.Khupse	50	00	40	25	25
2	Mr. M. B. Gotey	00	50	10	25	25
3	Miss. G. R. Jaju	00	50	40	25	25
4	Miss. S. A.Sadar	50	00	10	25	25

13. Student -Teacher Ratio (program wise):

UNDER GRADUATE SECTION

Year	Teachers	Students	Ratio
2011-12		72	1:24
2012-13	3	122	1:40
2013-14	3	160	1:53
2014-15	3	171	1:57
2015-16	4	206	1:69
2016-17	04	300	1: 70

POST GRADUATE SECTION

Year	Teachers	Students	Ratio
2011-12	06	40	1:7
2012-13	05	60	1: 12
2013-14	05	70	1:14
2014-15	06	80	1:13
2015-16	04	80	1:20
2016-17	04	80	1:20

14. Number of academic support staff:

Post	Academic Staff (Technical)	Administrative Staff
Sanctional	00	00
Filled	00	00

15. Qualification of Teaching Faculty:

Sr. No.	Name of the Faculty	Qualifications
1	Dr. M. M. Sancheti	M.Sc. Ph.D.
2	Mr. C. P. Khupse	M.Sc. B.Ed.
3	Mr. M. B. Gotey	M.Sc.
4	Miss. G. R. Jaju	M.Sc. B.Ed.
5	Miss. S. A. Sadar	M.Sc.

16. Number of faculty with ongoing projects:

- National : NIL
- International : NIL

17. Departmental projects funding by DST - FIST; UGC; DBT; ICSSR etc. an total grants received : NIL

19. Publications:

➤ Publication per faculty

Sr. No.	Name of the faculty	No. of paper published
1	Dr. M. M. Sancheti	26

➤ Number of papers published in peer reviewed journals (National / International)by faculty and students

Sr. No.	Name of the faculty	No. of paper published	
		National	International
1	Dr. M. M. Sancheti	26	00

➤ Number of publications listed in International Database

1. Monographs : NIL
2. Chapter in books : 5
3. Books Edited : Fundamentals of Algebra
First edition 2015
4. Books with ISBN/ISSN numbers with details of publication : 978-81-926348-0-7
5. Citation Index : 01
6. SNIP : NIL
7. SJR : NIL
8. Impact factor : NIL
9. H index : NIL

20. Areas of consultancy and income generated:

21. Faculty as members in:

- National committees : NIL
- International Committees : NIL
- Editorial Boards : NIL

22. Student projects:

- Percentage of students who have done in houses projects including inter departmental / program - NIL

- Percentage of students placed for projects in organization outside the institution i.e. in Research laboratories / Industries / other agencies – NIL

23. Awards/ Recognitions received by faculty and students : NIL

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

Sr. No.	Name of the Academicians and Scientists / Visitors	Name of college / Institution
1	Dr. S. D. Katore	HOD, SGBAU Amravati
2	Dr. K. S. Adhav	Ex. HOD, SGBAU Amravati
3	Dr. B. U. Jadhav	Principle, Shivaji College Parbhani
4	Dr. Gopalrao Patil	HOD, Shivaji College, Parbhani
5	Shri Sanjay Malpani	President, Sangamner Education Society Sangamner
6	Dr. Jaiprakashji Kabra	President, Polychem India Ltd. Mumbai

25. Seminars/Conference/Workshops organized and the source of funding:

- National : NIL
- International : NIL

26. Student profile program / course wise:

*M = Male *F = Female

27. Diversity of Students:

Name of course	% of students from the same State	% of students from other States	% of students from abroad
BSc & MSc	100%	NIL	NIL

28. How many students have cleared national and State competitive examinations such as NET, SLET, GATE, Civil services , Defense services, etc.

Sr. No.	Name of the students	Name of college/ institute	
1	Mr. S. S. Gore	R.A.College washim	

2	Mr. S.V. Gore		
3	Mr. M .D. Netnesakar	Pimpalgaon	
4	Mr. D. Tadas	Toshniwal College,Shengaon	
5	Mr. S. Wankhede	Dpt. Of Math.,University Amaravati	
6	Mr. H. Paralikar	Biyani Colege, Amaravati	
7	Mr. M. Dhabe	Dpt. Of Math.,University Amaravati	

29. Student progression:

Sr. No.	Student progression	Against % enrolled
1	UG to PG	58
2	PG to M. Phil.	
3	PG to Ph.D.	
4	Ph.D. to Post-Doctoral	
5	<p style="text-align: center;">Employed</p> <ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	
6	Entrepreneurship / Self-employment	

30. Details infrastructural Facilities :

- Library : Central Library enriched with adequate number of text Books and Reference Books.
- Internet facilities for Staff and Students : Available
- Class rooms with ICT facilities : Available
- Laboratories : _____

31. Number of students receiving financial assistance from college, university, government or other agencies.

Gol Scholarship is available to SC/ST/OBC/VJ and NT/SBC students. Other get freeship.

32. Details on student enrichment programme (special lecture/ workshops/ seminar) with external experts.

Invited Guest Lectures are organized for enrichment of students through Physics Association. Monthly Seminar activity is conducted to develop the skills of elocution. Workshops are organized to prepare projects related to curriculum.

➤ **33. Teaching methods adopted to improve student learning:**

➤ **Question-Answer Method:**

➤ **Use of ICT in teaching**

➤ **Participatory teaching learning**

➤ **Group Discussion:**

➤ **Brain Storming:**

➤ **Interactive media material:**

➤ **Field and Industrial visits:**

➤ **Case Study:**

34. Participation in Institutional Social Responsibility (ISR) and Extension Activities. Faculty and students of the department visited to schools in nearby area and disseminate Vaidik Mathematics and various problem solving methods to school students.

35. SWOC Analysis of the department and Future Plans.

Strength:

➤ **Highly Qulified, diligent and Experienced Faculty.**

➤ **Department is active in research.**

Weakness:

➤ **Oppointments of the faculty are pending due to delay in government permission.**

➤ **Opportunity: to popularize Vaidik Mathiematics.**

Challenges:

➤ **to create subject interest among students so that the results of subject will be enhanced.**