

# Department of Mathematics

## Mathematics: *'The search of truth'*

1. Establishment : 1<sup>st</sup> July 1971
2. Heads of the Department
  - Prof. T. V. Warhekar , : 23<sup>rd</sup> July 1973 to 30<sup>th</sup> Nov. 1993.  
M.Sc. (Mathematics), M.Sc. (Stats), A.M.I.E.
  - Prof. S. S. Tiwari : 1<sup>st</sup> Dec. 1973 to 1<sup>st</sup> Aug. 2004.  
M.Sc. (Mathematics)
  - Prof. V.S. Bawane : 25<sup>th</sup> Aug. 2002 onwards.  
M.Sc. (Mathematics), B.Ed., M. Phil.
3. Existing Staff Members
  - Prof. V.S. Bawane : 6<sup>th</sup> Dec. 1993 onwards.  
(Assistant Prof. & Head)  
M.Sc. (Mathematics), B.Ed., M. Phil.
  - Dr. R. S. Wadbude : 19<sup>th</sup> Jan. 2005 onwards.  
(Associate Professor)  
M.Sc., B.Ed., Ph.D. (Modern Algebra)
4. Activity (Best practice)
  - Participation of students in inter-collegiate seminar competition every year.
  - Departmental cash award for college level B.Sc. Topper student opting mathematics.
  - Students extension activity : Teaching to Z.P. School in warud region.
5. Projects
  - One MRP completed under Dr. R. S. Wadbude.
  - One MRP proposal submitted under Prof. V.S. Bawane.
6. Sem./Conf./Workshop Organized :
  - 01 Seminar RDR-09 for teachers.
  - 01 UGC Sponsored Seminar  
Competition for students.
  - 01 University level Seminar  
Competition for students.
7. Research Publication
  - Prof. V.S. Bawane : 03 (Papers)
  - Dr. R. S. Wadbude : 20 (Papers)
8. Research Awards :
  - 1) Best Paper Award in 'ICRTS – 2017' Organized by Shri Shivaji Science College Nagpur on 12-14 July 2017.
  - 2) Best Paper Award in International Conference of Mathematics (ICRTST-2018) organized by SSSKR Innani College, Karanja (lad) on 22-23 march 2018.

**9. Sem./Conf./Workshop attended**

- Prof. V.S. Bawane : 41
- Dr. R. S. Wadbude : 53

**10. Books**

- Professor V. S. Bawane : 1. Book: B.Sc. I Sem-II
- Dr. R. S. Wadbude : 1. Book: B.Sc. I Sem – I

**11. Merit students of the college opting Mathematics.**

Sr. No.	Year	Roll No.	Name of the student	Marks Obtained	Rank
1	2005	20692	Ku. Priyanka Wamanrao Thakare	1112/1350	4
2	2011	20787	Ku. Arti Arunrao Bansod	1118/1350	6
3	2011	20770	Ku. Arti Manoharrao Kathiwale	1109/1350	8
4	2012	51128	Ku. Poonum Parmanand Dharge	1167/1350	2
5	2013	60848	Ku . Kiran Sudhakar Rao Bele	2361/2700	3
6	2014	60862	Ku.Pallavi Dhanraj Bhongade	2363/2700	6
7	2014	60890	Ku. Riya Ramesh Tekade	2343/2700	8
8	2014	60851	Ku. Minal Kiran Pawar	2332/2700	10
9	2015	61090	Ku. Chhaya P. wankhade	2432/2700	4
10	2016	81394	Ku. Meena W. Bhojare	3283/2700	9

**12. Students Participated in University Level Seminar Competition and awards obtained**

Sr, No.	Name of the Participants	Organized by
2014-15	1) Ku Sanafirdos Khan 2) Ku Nikita D. Tidke 3) Huzef Khan – Third position.	Dept. of Mathematics G. S. Gawande Mahavidyalaya, Umardhed on 20 <sup>th</sup> Sept. 2014.
	1) Huzef Khan – Third position.	“Scintillation” is state level student seminar competition in commemoration of centenary of Shiksha Mandal, Wardha, and science day on dated 27 <sup>th</sup> Feb 2015.
2015-16	1)Ku Sanafirdos Khan – Third position. 2) Ku Nikita D. Tidke	Matoshri Nanibai Gharphalkar science college, Babhulgaon on 18/02/2015
2015-16	1) Ku Prachi Khandelwal 2) Ku Nikita D. Tidke	Adarsh Mahavidyalaya, Dhamangon Rly. On 29/02/2016
2016-17	1) Ku. Neha D. Belwanshi – Third position.	J.D.P.S. College Daryapur March 2017
2017-18	1) Ku. Punam A. Takarkhede – First position.	Mahatma Fule Arts, Comm. & Sitaramji Chaudhari Science Mv. Warud, on 23 <sup>rd</sup> Sept 2017

2017-18	1) <b>Ku. Namrat Akarte</b> - <b>Third position</b>	Dept. of Mathematics Vidyabharti Mv Amravati
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**13. Extension Activity:**

- Students of B.Sc. are teaching mathematics to V to VII students of students of Z.P. at Pusala under the guidance of head & Prof. V. S. Bawane and Dr. R.S. Wadbude.

**14. Tour:**

- Every year students undergoes Mathematical excursion a one day tour.

**15. Collaboration:**

- Department of Mathematics SGB Amravati University Amravati.
- IQAC, SGB Amravati University Amravati.

**16. Membership:**

- Member of Indian Science Congress Association (ISCA).
- Member of Indian Mathematical Society BHU Varanasi.
- Member of Physical Mathematical Society Allahabad.
- Member of Mathematical Teachers' Association SGBAU Amravati.
- Member of Water Cup Foundation, Unit Warud.

**Mahatma Fule Arts, Commerce, & Sitaramji Chaudhari Science  
Mahavidyalaya, Warud  
Department of Mathematics**

**Annual report 2017-18**

1. The Department of Mathematics has formed the Mathematical Association 2018 and Ku. Punam Takarkhade B.Sc. III unanimously selected as the President of Association.
2. A research paper on the topic “**On GAMQ-injective Module**” has been published in an International Journal of research in Bioscience and technology (IJRBAT) Issue 2 Vol.-V, July 2017, ISSN no. 2347- 517x.
3. Dr Ramesh S. Wadbude has received a “**BEST RESEARCH PAPER AWARD**” in an International Conference of Mathematics organized by Shri Shivaji Science College, Nagpur during 12-14 July 2017.
4. The Department of Mathematics has organized a SGB University level seminar competition for UG students on 23<sup>rd</sup> Sept. 2017 in collaboration with IQAC SGBAU Amravati, PGTD of mathematics SGBAU and SGBAUMTA. About 65 students participants and 18 Teachers from the various colleges affiliated to SGBAU Amravati has participated in the seminar competition, The seminar completion has inaugurated at the hands of Dr. Dipak Dhote Ex Dean of science faculty SGBAU Amravati and Head of the department of electronics B.B. science college Amravati Dr, S.D. Katore Prof. and Head, PGTD SGBAU Amravati and President of SGBAUMTA has delivered a speech as a chief guest. Dr. D.V. Atkate, Principal and convener of the seminar competition has presided over the function. **Ku. Punam A. Takarkhede** B.Sc. III student of this college has secured a first prize in the seminar competition where as shaikh Mohsin, Vidhybharti Mv. Amravati and ku. Asra Sagar MMM Darwha has secured second and third prize respectively.

Dr. V.G. Mete, Prof. and Head RDIK & KD college Badnera Rly, Dr. V.B. Raut Principal, MMM Darwha, Dr. Sudhir Bayaskar, Dr. Samadhan Munde, Dr. Y.D. Solanke, Mr. C.D. Wadale Renowned Personalities from different affiliated colleges of the University were present worked as a valuer and delivered a speech on this occasion.

A Ex Head of Department Prof. T.V. Warhekar, Dr. U. E. Chaudhary were graciously present on this occasion. Dr. Omraj S. Deshmukh HOD Botany has conducted and anchored the program and

prof. V. S. Bawane proposed a vote of thanks. The principal, all staff members and the non teaching staff of the college has supported in all respect and co-operated the successful event.

5. Dr Ramesh S. Wadbude has read the research paper in International conference of mathematics organized by Dr. Babasaheb Ambedkar Marathwada University Aurangabad During 9-11 Dec. 2017.

6. The Department has celebrated a National Mathematics Day on the occasion of 132th birth anniversary of an Indian Mathematician Shrinivasan Ramanujan at the hand of in charged Principal Dr. P.R. Pundkar.

7. Five students from the department has participated in state level workshop organized by the dept. of mathematics B.B. Science College Amravati in collaboration with SGB Amravati University Amravati during 20-22 Jan. 2018.

8. Ku Namruta Akarte and Ku. Apurva Chobitkar B.Sc. III has participated in the University level seminar competition on “Differential Equation” organized by the dept. of Mathematics Vidyabharti Mv Amravati with IQAC SGBAU Amravati, PGTD of mathematics and SGBAUMTA on 10<sup>th</sup> Feb. 2018. Both the faculty Prof. V. S. Bawane and Dr Ramesh S. Wadbude has participated and worked as valor in the seminar competition. **Ku Namrata Akarte** has secured a third prize for her presentation.

9. During 22-23 march 2018 Dr Ramesh S. Wadbude has read the research paper and also presided over the technical session in an International conference (ICRTST-2018) organized by SSSKR Innani College, Karanja (lad) in collaboration with IQAC SGBAU Amravati, PGTD of mathematics , SGBAUMTA, Vidyabharti College Amravati and R. G. Rathod Mv Murtizapur.

10. Dr Ramesh S. Wadbude has received a “**BEST RESEARCH PAPER AWARD**” in International Conference of Mathematics (ICRTST-2018) organized by SSSKR Innani College, Karanja (lad) on 22-23 march 2018.

11. As an extension activity and best practice of the department six students from the department Ku. Minakshi Bobade, Ku. Megha Alaspure, Ku. Namrata Tarar, Ku. Harshlata Bobade, Ku. Maheshwari Thakare and Ku. Tejal Alaspure has taught a mathematics subject to ZP middle school (boys) and ZP middle school ( Girls) Pusala PS Warud.

Head