

Department of Mathematics

Annual Report 2014-15

- Three students Ku. Sanafirdos Khan, Ku. Nikita D. Tidke and Huzef Khan has been deputed for **UGC sponsored** Seminar competition for students on the subject '**Advanced Calculus**' organized by the Dept. of Mathematics G. S. Gawande Mahavidyalaya, Umardhed on 20th Sept. 2014. **Mr. Huzef Khan has secured a third prize.** Both faculties of the Dept. has actively participated in the seminar competition.
- The Dept. of Mathematics has inaugurated the **Mathematical Association 2014-15** at the hands of Prof. T. V. Warhekar, Ex. Head of the Dept of Mathematics of our college on 11th Oct 2014 and He delivered a inaugural speech. Dr. D. V. Atkare, Principal of the college has presided the function. Mr. S. P. Thakare B. Sc. III has elected as the President of Mathematical Association 2014-15.
- This year Mr. V. S. Bawane has credited two research papers published in the reputed journals, one of which is published in the **International Journal 'Multilogic in Science'** with **ISSN 2277-7601**.
- Mr. V. S. Bawane has been applied for **FDP to UGC under 12th plan**.
- Dr. R. S. Wadbude worked as subject expert in warud taluka level **science exhibition** on 24th Dec. 2014. Organized by warud taluka science teachers board at National English School, warud.
- Dr. R. S. Wadbude participated in ISCA-2015 at Mumbai and presented a research paper on titled "**Strongly Pure- Periodic Modules and a structure of Strongly Pure Projective Resolutions**" during 03-07 Jan. 2015.
- Prof. V. S. Bawane and Dr. R. S. Wadbude has participated and worked as a valuer of the University level seminar competition on "**Calculus**" organized by Matoshri Nanibai Gharphalkar science college, Babhulgaon in collaboration with SGBAUMTA on 18/02/2015 sponsored by National Council for science and technology communication DST, Govt. of India. and Rajiv Gandhi Science and Technology Commission Govt. of Maharashtra.
- Two Students Sanafirdos Rafique Khan and Nikita D. Tidake has presented the seminar and **Sanafirdos Rafique Khan has stood third place.**
- Prof. V. S. Bawane and Dr. R. S. Wadbude has actively participated in "**University level research oriented workshop on Mathematics**" Organized by Department of Mathematics D M

B Science and Arts college, Shegaon, and PGTD of mathematics SGBAU Amravati on 10-11 Jan. 2015 at D M B Science and Arts college, Shegaon.

- Mr. Huzef Khan Sharif Khan B.Sc. III has participated and stood at the **third place in “Scintillation” is state level student seminar competition in commemoration of centenary of shiksha Mandal, Wardha, and science day** on dated 27th Feb 2015.
- Prof. V. S. Bawane and Dr. R. S. Wadbude has actively participated in “University level Workshop on Mathematics Syllabi” Organized by Department of Mathematics R.D.I.K. and K.D. College badanera. (Rly).
- Department of Mathematics has organized a ‘Career Guidance Programme’ on 19/03/2015 at Dr. Panjabrao Deshmukh hall of the college at 3.00 pm. Dr U.E. Chaudhary has presided over the Programme. Prof. Chaitanya Malode of shri sai chaitanya Institute has delivered a nice lecture on **Banking awareness, Banking opportunities and short cuts in mathematics.**
- Dr. R. S. Wadbude participated in **International Conference on science, Technology and Mathematics Education – Trends & Alignment with Industry Needs TechEd-15** and presented a research paper on titled “**Characterization of δ -small Sub module**” during 22-23 April. 2015.

Department of Mathematics

photo Gallery

Inauguration of Mathematical Association 2014-15



Prof. T. V. Warhekar, has delivered an inaugural speech on 11th Oct. 2014.

Mr. Huzef Khan B. Sc. III has secured third place in “Scintillation” in state level seminar and a third prize at the



UGC sponsored Seminar competition on ‘Advanced Calculus’ organized by G. S. Gawande Mahavidyalaya, Umardhed on 20th Sept. 2014.



SanaFirdos R. Khan
10-12-2012

Third place in University level seminar competition

Sanafirdos Rafique Khan has stood third place in University level

seminar competition on “**Calculus**” organized by Matoshri Nanibai Gharphalkar science college, Babhulgaon on 18/02/2015 sponsored by National Council for science and technology communication DST, Govt. of India and Rajiv Gandhi Science and Technology Commission Govt. of Maharashtra.

Head

Dept. of Mathematics

**Mahatma Fule Arts, Comm. & Sitaramji Chaudhari
Science Mahavidyalaya Warud**

Department of Mathematics

Annual Report- 2015-16

1. Dept. has organized an excursion on 22nd august 2015.
2. Head of the Dept. Mr. V. S. Bawane and Dr. R. S. Wadbudhe has attended and read a research paper in National conference **NCRMT-2015** on 12-13 sept. 2015 organized by the Dept. of Mathematics, Mungasji Maharaj Mahavidyalaya, Darwaha.
3. A Mathematical association has been formed and has been inaugurated at the hands of Hon'ble Dr. Dipak S. Dhote prof. & head, Dept. of Electronics Brijlal Biyani Science Mahavidyalaya, Amravati. Principal Dr. D. V. Atkare was the chairperson of the inauguration.
4. Dr. R. S. Wadbude has participated the orientation course of NSS at Aurangabad during 24-30 oct. 2015.
5. Mr. V. S. Bawane and Dr. R. S. Wadbude has been participated the international conference **ICGR-2015** on General Relativity organized by the Dept. of Mathematics SGB Amravati University Amravati, during 25-28 Nov. 2015. Both the faculty has presented the research paper in the conference.
6. Dept has celebrated the birth day of great indian mathematician Shrinivas Ramanujan by garlanding the photo at the hands of hon'ble principal Dr. D. V. Atkare.
7. During 22-23 January 2016 Dr. R. S. Wadbude from the Dept. has been participated in the international conference on mathematics and presented the research paper in the conference organized by Tulshiramji Gayakwad college of Engineering Nagpur.
8. The Dept has organized a mathematical tour on 6 Feb. 2016 at Dikshabhoomi Nagpur.
9. Current year Dr. R. S. Wadbude has been presented and published the 5 research papers in various international journals.
10. A Text Book of Mathematics "**Algebra and Trigonometry**" has been written by Dr. R. S. Wadbude with a renowned personality Dr. T. M. Karade for B. Sc. Part-1 Semester-1 of SGB Amravati University and RTM Nagpur University.

11. A Text Book of Mathematics "**Differential Equations (Ordinary and Partial)**" has been written by Mr. V. S. Bawane with a renowned personality Dr. T. M. Karade for B. Sc. Part-1 Semester-1 of SGB Amravati University and RTM Nagpur University.

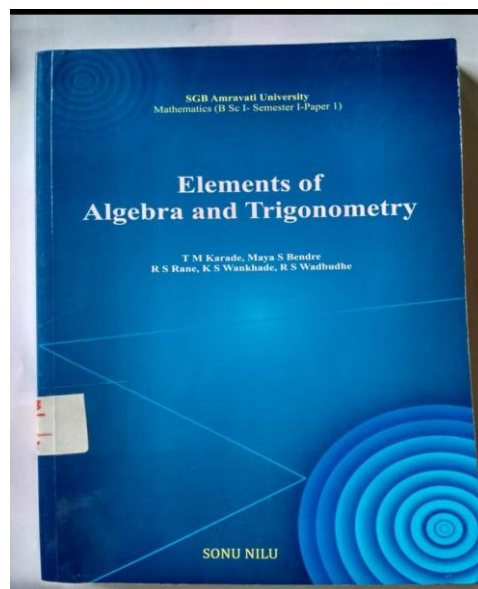
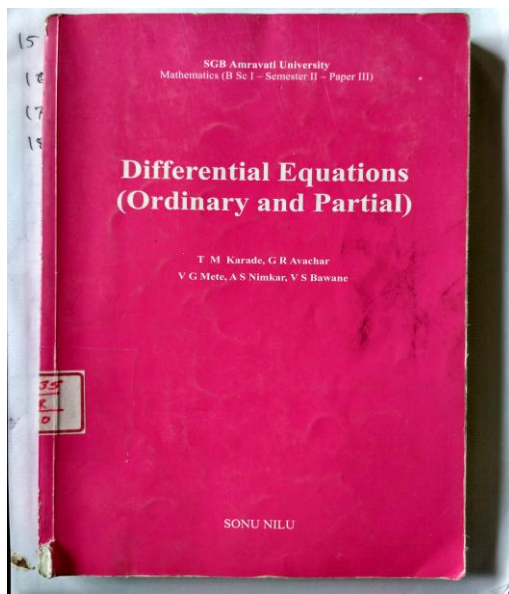
12. The Dept. of Mathematics has given the 1/3 contribution to the merit student of the college namely **Ku. Chhaya Prabhakarrao Wankhade** who has secured a Forth Merit in SGB Amravati University Amravati in 2015-16.

13. Two students from the Dept. **Ku. prachi Khandelwal** and **Ku. Nikita Tidke** has presented the semnars in SGB Amravati University level Seminar competition for students of mathematics organized by Dept. of Mathematics, Adarsh Mahavidyalaya dhamangaon Rly on 5th March 2016.

14. Dr. R. S. Wadbude as an subject expert is going to attend the Ph. D. Thesis Viva Voce meeting of Mr. **Biresh Kumar Gupta**, **Govind Sahu** and **Rahul Dravid** Research Scholor in Mathematics to be conducted on Saturday March 19th, 2016 at 11.00 PM in the campus of Bhagwant University Ajmer Rajasthan (India).

15. As an extension activity of the Department being D. T. Ed. Students **Ku. U. D. Tarar** and **Ku. S. K. Hole** of B. Sc III were teaching to Z. P. Schools nearby warud region.

Books



Extension Activity



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Department of Mathematics

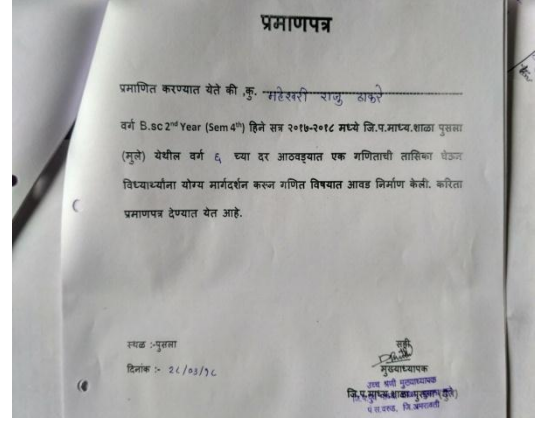
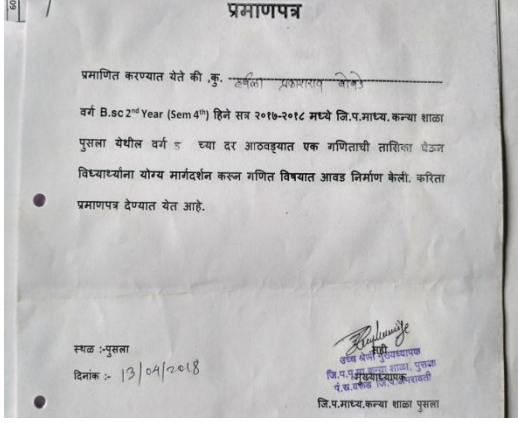
Annual Report- 2016-17

- Prof. V. S. Bawane and Dr. R. S. Wadbude has attended and presented the Research papers in National (NCRAM- 2016) in mathematics organized by SGBAU, Amravati on dated 17-18 June 2016.
- Dr. R. S. Wadbude has successfully completed a short term course conducted by ASC SGBAU, Amravati during 04-09 July 2016.
- Prof. V. S. Bawane has attended the university level workshop on “Number Theory” organized by SGBAU, Amravati on dated 15th Oct. 2016.
- Dr. R. S. Wadbude has published a research paper “**Generalization of Simple Singular AP-injective Module**’ (IJRIAS) Oct. 2016 Vol. I Issue VII 20-23 with ISSN no. 2454-6194.
- Dr. R. S. Wadbude has successfully completed a refresher course in mathematics conducted by ASC Guru Ghasidas University Bilaspur [C. G.] during 01-21 Dec. 2016.
- Three students from the Dept. Ku. Neha Belwanshi, Ku. Namrta R. Akarte and Anup D. Dandale has presented the seminars in SGB Amravati University level Seminar competition for students of mathematics organized by Dept. of Mathematics, J.D. Patil Sangludkar Mahavidyalaya, Daryapur (Topic- **Algebra**) on 27th Feb. 2017.
- Dr. R. S. Wadbude has worked as a subject expert in seminar competition organized by Dept. of Mathematics, J.D. Patil Sangludkar Mahavidyalaya, Daryapur on 27th Feb. 2017.
- Ku. Neema W. Bhojare has secured 9th merit in B.Sc. III examination summer 2016 opting Mathematics.

Excursion



Best Practice



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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 (IJBAT) 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 23rd 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 Darwaha 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 Darwaha, 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 10th 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.

University Level Students Seminar competition:





Ku. Punam A. Takarkhede

B.Sc. III student of this first prize winner in the seminar competition'.
Mahatma Fule Arts, Commerce, & Sitaramji Chaudhari Science Mahavidyalaya, Warud
Department of Mathematics

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Dept. of Mathematics

Mahatma Fule Arts, Comm. & Sitaramji Chaudhari Science Mahavidyalaya Warud

Department of Mathematics

Annual Report- 2018-19

- Both the faculty Dr. R. S. Wadbude and Mr. V. S. Bawane has published two books of B.Sc. I Mathematics Paper-I (Algebra and Trigonometry) and Paper-III Differential equation (ordinary and partial).
- The Mathematical association 2018-19 has formed in August 2018.
- The Dept. of Mathematics has organized a mathematical EXCURSION to **Ramtak Engg. College, Ramtak** on 21st August 2018 and **Urvi Transformer Co. Wardha** on 16 Feb. 2019.
- Mr. V. S. Bawane has delivered a guest lecture in the NSS Camp, of Dr. Shayama Prashad Mukharji Mahavidyalaya, Shendurjana Ghat at Malkhed.
- Mr. V. S. Bawane has published a research paper in the Journal **ICJAR** in June- July 2019.
- The Dept. of Mathematics has celebrated Shrinivasa Ramanujan Jainty on 22 Dec. 2018, Dr, J. D. Wadate; Principal of the college has garlanded the photo of **Shrinivasa Ramanujan**.
- Both the faculty Dr. R. S. Wadbude and Mr. V. S. Bawane has attended and published the research paper in UGC sponsored National Conference on Emerging trends in Science organized by **Vidhyabharti Mahavidyalaya, Amravati** on 01-02 Feb. 2019.
- Two students from the Dept. Ku. Sheya Anjekar and Shaweta Sawarkar has predicated in University level Seminar Competition organized by the Dept. of Mathematics Dr. R.G. Rathod Science College Murtizapur on **Number theory** on 19/01/2019.
- Both the faculty Dr. R. S. Wadbude and Mr. V. S. Bawane has participated in National workshop on 'Number Theory' organized by the Dept. of Mathematics Dr. R.G. Rathod Science College on 19/01/2019.
- Dr. R. S. Wadbude has attended two day workshop on **Soft skill** (Linux, Latex and Mathematica) organized by the Dept. of Mathematics and Computer Dept. SGBAU, Amravati on 15-16 March 2019.
- Dr. R. S. Wadbude has delivered an invited talk on **Linear Transformation** for state level PG students of mathematics in the Dept. of Mathematics SGBAU, Amravati on 17th March 2019.
- Dr. R. S. Wadbude has attended a **RAC** (Research Advisory Committee) meeting for admission in Ph.D. programme 2019-20 in the Dept. of Mathematics SGBAU, Amravati on 13th March 2019.

Head

Dept. of Mathematics

**Mahatma Fule Arts, Comm. & Sitaramji Chaudhari
Science Mahavidyalaya Warud**

Department of Mathematics

Annual Report- 2019-20

- Dr. R. S. Wadbude has attended as a subject expert for the Viva-Voce of the Ph. D. student at Rabindronath Taigor University Bhojpur Bhopal on 5th August 2019.
- Mathematical Association 2019-20 has formed and inaugurated at the hands of Head of the Department. Ku. Vaishnavi M. Ghatole has selected as a president and Mr. Gaurav Ramkrushna Satav has elected as Secretary of the Association.
- Dr. R. S. Wadbude has delivered a guest lecture at Adarsh Science College Dhamangaon on 01/10/2019.
- Mr. V. S. Bawane has delivered a guest lecture at Rajarshi Shahu Science college Chandur Rly on 07/10/2019
- Dr. R. S. Wadbude has attended the subject expert for Ph. D. Viva-Voce at Vivekanand University Sagar M. P .on 27th January 2020
- Dr. R. S. Wadbude has delivered a guest lecture at Sagar university on 28th January 2020.
- Dr. R. S. Wadbude has selected as a co-opted member of **BOARD OF STUDIES** in the faculty of Sciences (Mathematics) as per the academic record.
- The Department of mathematics has celebrated the national mathematics day on the occasion of birth anniversary of great mathematician Shrinivasa Ramanujan on 22nd December 2019.
- Mr. V. S. Bawane and Dr. R. S. Wadbude has participated in the national conference at Shri Shivaji Science college Akola on 18th January 2020 and both the faculty has presented the research paper.
- The Dept. of Mathematics has organized a Mathematical excursion 12th February 2020 at Rajiv Gandhi National Institute of management Nagpur on 12th February 2020.
- Because of lockdown both the faculties has completed the syllabus online by making the video lectures provided to students via whatsApp groups.
- During lockdown Mr. V. S. Bawane has participated two faculty development programmes of one week and Dr. R. S. Wadbude has participated in one faculty development programme.
- Both the faculty members has participated in 20 national webinars and workshops related to the subject and Covid-19 pandemic situation.

Head

Dept. of Mathematics