

**A.T.V.V.Mandal's,
B.D.Kale Mahavidyalaya ,Ghodegaon
Tal-Ambegaon ,Dist-Pune
Faculty of Science
Annual Report - 2022-23
Prof .Archana Autade (Co-ordinator Science Faculty)**

1) Environment Day celebration-

On 5th June, 2022, 10 days quiz series for B.Sc student is prepared by Prof Archana Autade and Environment Day quiz is prepared for all faculty .

2)3rd Wild Vegetable and Fruit Exhibition –

In monsoon,nature is offering many leafy annuals which is the part of our culture ,tradition and festivals. In Hindu culture ,Shravan month is celebrated as a holy month with many festivals in which usually non vegetarian food is prohibited. In this month , during this season digestive power is comparatively weak, therefore, we must know the vegetables and fruits available in our vicinity.

B. D. Kale Mahavidyalaya, Department of Botany organised 3rd wild vegetables and fruit exhibition on 20th September, 2022 to create awareness about wild unconventional vegetables . Many of them have medicinal importance and especially available during monsoon season. Students of B. Sc and B.C.A and B A and Bcom and also nursing students of vocational training centre Ghodegaon got the information about importance of wild vegetables. Exhibition location is new seminar hall ,science building. Total students participated in exhibition were 42 and total number of wild vegetables and fruits in exhibition were 42 vegetables Prof.Lonkar Mrunali and Prof.Autade Archana took the initiative to organise the exhibition.

3)National Wildlife Week 2022

National Wildlife Week is celebrated all over the country in the month of October every year to protect animal life. It was first started in the year 1952 with the great vision of saving the life of the Indian animal. Since 1952, Indian Board of wildlife (IBWL) every year from October 2-8 organizes different activities related to wildlife conservation. The Department of Zoology of B.D.kale Mahavidyalaya Ghodegaon celebrated National Wildlife Week program on 8th October, 2022. The programme aimed at creating awareness among the youth to have a passionate hearts for the biodiversity around them. During the celebration, poster build and painting competitions were organized by Department of Zoology for students to raise consciousness in favour of wildlife preservation. In welcome address Prof. Ravindra wale Department of Zoology gave the objective of the celebration and highlighted different initiatives taken by the government to conserve and increase the population of wildlife. For this programme, Principal of the College Prof. Dr.Dnyaneshwar Walhekar was present. The Principal in his address, describe the benefits of nature conflict of man and wildlife and importance of various activities in this program. Program was organised and Introduced by Prof.Wale and at the last, Prof phalke proposed the vote of thanks.

4)Kalamjai Veleshwar Botanical Excursion –

Plant diversity is an important subject included in Botany course of F.Y.BSc and S.Y. BSc syllabus. In concern with this students of F. Y. B.Sc and S.Y. BSc, they should understand plant diversity and its importance. Taking into consideration, a short tour was organised by Botany Department at Kalamjai Veleshwar on 15th Oct 2022.

in this study tour, 36 students 5 teachers participated. During this tour Prof.Lonkar M.P and Prof.Autade A.R give information of plants and its medicinal importance and also botanical and common names of plants present in area.

5) Study Tour to Mahabaleshwar

Zoology Department of B.D. Kale Mahavidyalaya , Ghodegaon , has organised a study tour on 3rd Dec, 2022 at district silk centre ,Wai District Satara and Honey Directorate and Khadi Gramodyog Centre at Mahabaleshwar, district Satara. This study tour is very significant for students and teachers. In this study tour, 37 students 4 teachers and 1 non-teaching staff have participated. Mr Ramdas Patil and Mr. Prathmesh Shirke of District silk centre Wai gave good information about silkworm, their species, lifecycle, domestication, production of silk thread, various government schemes and about government grants and subsidies. Mr. Gajanan Bhoir gave information about honey bees ,their species, domestication and rearing ,uses of honey, importance of honey bees, training centres , government schemes grants and honey Students also observed artificial bee hives. This trip is indeed a enlightenment for students and teachers. The purpose behind it was to gain knowledge about honey bees and silk worms and to fulfill eagerness about insects and their importance. Head of the Department of Zoology Ravindra Wale sir was behind organising this very significant study tour.

6) Guest lectures-

Prof. Jaysing Gadekar Department of Chemistry B.J college Ale. was invited on 23rd December 2022 to guide the students of Science Faculty about how to prepare for practical and and theory examination.

7) Use of ICT-

B.Sc Department made maximum use of ICT in teaching and learning process.

8) Principal- Teacher –Student Meeting -

Teachers - Students meetings are held time to time to guide and motivate the students. There are total 8 principal - teacher meeting & 2 student-teacher- principal meeting are held in year 2022-23.

9)National Science Day 2022- 23

National Science Day is celebrated all over India with great enthusiasm on 28th of February every year. In order to remember the great invention by the Indian physicist Chandrashekhara Venkata Raman of the Raman effect. On the same day, in year 1928 for this great success, he was awarded with the Nobel Prize in the Physics in year 1930. Every year, Ambegaon Taluka Vidya Vikas Mandal's B. D. Kale Mahavidyalaya Ghodegaon and Department of Science celebrate science day. In this academic year, national science day was celebrated on 28th February 2023. On this occasion, different activities were conducted by Department of Science to motivate the students. Students made science posters regarding Raman effect.

10) GMRT Science Exhibition- February 2023

on the occasion of science day on 28th Feb 2023, Dharade Janvi Anil and Kengale Archana Subhash students of FY BSc and Mr. Gunjal Sharad Kisan and Megha Ingawale students of T.Y B.Sc Chemistry participated in Science Exhibition organised by GMRT Khodad. Title of projects are homemade multi medicine from *Pogostemon benghalensis* plants and development that meets the needs of the present without compromising the ability of the future generation. This project was guided by Prof. Pranita Ghodekar of Chemistry department.

11) RED CROSS -

A.T.V.V.Mandal's, B.D.Kale Mahavidyalaya, Ghodegaon The Indian Red Cross Society Junior/Youth Red Cross branch of Pune District held an interschool and intercollegiate poster competition in 2022-2023: Mr. Bharmal Bhushan Hiranman, a second-year B.Sc student succeeded in securing third place in the competition. The participants were guided by Prof Mrunali Lonkar, the

coordinator of the Indian Red Cross Society at the B.D.Kale Mahavidyalaya, and Prof. Rajashree Phalke. The following students participated actively in the competitions:

12) Poster Competition:

Name of Participant

1 Miss. Momin Namira Gulabhusen

2 Mr. Bharmal Bhushan Hiranman

3 Mr. Wadekar Prathmesh Santosh

Emergency Help Female Feticide

Essay Writing Competition

Topic of Poster Participation of Youth in Red Cross Work

1. Miss Ingawale Dhanashree Ramchandra

2. Miss. Kharat Mayuri Depak

3. Miss. Bonawate Awantika Anil

Topic of Poster Organ Donation

What do we learn from Corona Epidemic?

Global Warming

13) Street play and a special lecture on, World Tuberculosis Day

B. D. Kale Mahavidyalaya organized a street play and a special lecture on, World Tuberculosis Day, on behalf of the Indian Red Cross, Junior Youth Red Cross Committee in the college. World Tuberculosis Day was observed by organizing, a street play, and a special lecture programme, on Friday, 27th March 2023. Thirty-three students participated and performed a street play before the citizens of Ghodegaon village. On this occasion, the vice president of the institute Hon'ble Tukaram Sheth Kale, the in-charge principal of the college Professor Dr. Walhekar D.A., and all the professors of the science department were present.

Prof. Dr. P.D. Kale, who was the guest speaker. gave valuable guidance to the students. This programme was organized by Prof. Mrinal Lonkar and Prof. Rajashree Phalke, Coordinator of the Indian Red Cross/ Jr. Youth Red Cross Committee. The program was introduced by Prof. Rajashree Phalke and the

faculty coordinator Prof. Archana Autade and Prof. Pranita Ghodekar proposed a vote of thanks.

14) Parent meeting

A Parents-Teachers meeting was arranged by the Parent Teacher Committee on Monday, April 10, 2023. This meeting was conducted for first , second , third year students of B. Sc. The Co-ordinator of Department of Science Prof. Autade A .R presented a slide show of academic, sports and cultural events , taken place at the college. This was followed by a very cordial interactive session between the teachers and parents regarding performance of the students. The parents Shri. Pravin Doke and Mrs. Jadhav ma'am (Rector, Government Girls Hostel) gave a positive feedback regarding the activities and facilities provided by the college. There were 22 parents who attended the meeting. Incharge Principle Dr. Walhekar D. A. gave the inaugural speech and introduced all the teachers concerned , which was followed by refreshments. Parents gave their opinions and suggestions for the improvement. The whole program was anchored by Prof. Lonkar M.P. The vote of thanks was given by Prof.Ghodekar P. A . The parents were then allowed to meet the teachers for their children's attendance and performance. The parents gave a good feedback for the programme as well as about the participation of faculty staff in all the academic as well as co-curricular activities.

15) Organic Farming Survey-

For extra credit ,Chemistry Department made organic farming survey for T.Y.B.Sc students .Total 19 students completed this survey.

AAutds
CO-ORDINATOR
SCIENCE FACULTY
B. D. Kale Mahavidyalaya
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[Signature]
Principal
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