Vidarbha Youth Welfare Society, Amravati's



Bar. Ramrao Deshmukh Arts, Smt. Indiraji Kapadiya Commerce and Ny. Krushnarao Deshmukh Science College, Badnera Distt. Amravati (Maharashtra) 444 701

(Accredited by NAAC with "B**" Grade, CGPA 2.78)

(Affiliated to Sant Gadge Baba Amravati University, Amravati, MS)



CRITERIA-VII

Institutional Values and Best Practices

7.1 -Institutional Values and Social Responsibilities

7.1.3 (A) Report on Environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date



Vidarbha Youth Welfare Society's

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Principal

248/2324 Ref.No.

Date: 29 / 0/ /20 2 4

DECLARATION

This is to declare that the information, photos, reports, true copies, numerical data, etc. furnished in this file as supporting documents is verified by IQAC and found correct.

Dr. N.A.Deshmukh

IQAC Co-Ordinator

Dr. Nakul A. Deshmukh IQAC Co-Ordinator R.D.I.K. & K.D. College, Badnera Dr. R.D.Deshmukh

Principal

PRINCIPAL

Ber Ramrao Deshmukh Arts Smt Indiraji Kapdiya Commerce and Ny.Krusnarao Deshmukh Science College,BADNERA.



Vidarbha Youth Welfare Society, Amravati

Bar. Ramrao Deshmukh Arts, Smt. Indiraji Kapadiya Commerce and Ny.

Krushnarao Deshmukh Science College,

Badnera Dist. Amravati (M.S) 444701



SUPPORTING DOCUMENTS

Vidarbha Youth Welfare Society, Amravati

Bar. Ramrao Deshmukh Arts, Smt. Indiraji Kapadiya Commerce and Ny.
Krushnarao Deshmukh Science College,
Badnera Dist. Amravati (M.S) 444701

Metrics No. 7.1.3 (A)

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Report on Environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date

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Clean And Green Campus & Beyond the Campus Environment Awareness Activities

1. Name of Organising Committee: National Service Scheme

2. Name of Activity : Project Undertaken in Camp (Village cleaning and

Erosion Pit construction

3. Place of Activity : Jalu, camp area.

4. Date of Activity : 24-03 March

Details of Activity (In Brief):

In special village camp at Jalu the project of village cleaning, drain cleaning, road cleaning and erosion pit construction for drain water management was undertaken. Students were divided into groups. Each group makes 5 erosion pits to absorb drain water to increase the water level of village. Villagers were co-operative for making erosion pit. The wastewater and drain water management programme succeeded fully

Outcome of the Programme

- Emphasize the dignity of labour and self help and the need for combining physical work with intellectual pursuits.
- Encourage students and non student's youth to work along with adults in rural area for developing their character, social consciousness, commitment, discipline and health and helpful attitude towards the community.
- > To awaken and to sensitize the youth as well as rural about cleaning, health, hygiene and social issues.
- > Develop the sense of collective working.
- Aware the community to protect water resources for future generation.





Water management













नवभारत

गाडगेबाबा के विचार विकास के लिए जरूरी

आरडीआयके कालेज में श्रमसंस्कार शिविर का समापन



■ अमरावती, ब्यूरो. विदर्भ यूथ वेल्फेअर सोसायटी द्वारा संचालित बैरिस्टर आरडीआयके व केडी महाविद्यालय के राष्ट्रीय सेवा योजना द्वारा नांदगांव खंडेश्वर तहसील के जल गांव में आयोजित विशेष श्रम संस्कार शिविर का हाल ही में सफल समापन हुआ. इस शिविर में मानव विकास से संबंधित कार्यक्रमों जैसे ग्राम स्वच्छता, विकास. जागरूकता, महिला सशक्तिकरण, अंधश्रद्धा निर्मूलन, पर्यावरण प्रबंधन, कृषि एवं प्रौद्योगिकी, विज्ञान एवं कम्प्यूटरीकरण आदि पर बल दिया गया. शिविर का उद्घाटन संत गाडगेबाबा अमरावती विश्वविद्यालय अमरावती के सीनेट सदस्य प्रोफेसर

डा. संतोष बनसोड़ ने किया और समापन कॉलेज के प्राचार्य डा. आरडी देशमुख ने किया. अंत में डॉ. आरडी देशमुख ने विचार व्यक्त किया कि संत गाडगेबाबा के जीवन विचार छात्रों के साथ-साथ ग्रामीणों के व्यक्तित्व को आकार देने में उपयोगी हैं. शिविर की सफलता के लिए गांव की सरपंच साधना इंगोले, उपसरपंच मोहोड समेत ग्रामस्थ संजय गोलाईत. भीमराव चक्रे, प्रभा मेश्राम आदि ने सहयोग किया. उसी प्रकार प्रा. संजीव जगताप कार्यक्रम अधिकारी, प्रा. सीमा मेश्राम महिला कार्यक्रम अधिकारी. प्रा. अतुल पाटील, प्रा. संजय थोरात, प्रा. विद्या महल्ले, प्रा. वैशाली भाकरे आदि ने परिश्रम लिए.

Amravati Edition 16-march-2023 Page No. 3 epaper.enavabharat.com 1. Name of Organizing Committee : National Service scheme

2. Name of Activity : Cleanness program

3. Date of Activity : 24th November, 2021

Details of Activity (In Brief):

Clean India mission was carried out by NSS unit in college campus on 24/11/21 for Promoting awareness about environmental issues and the appreciation of clean and green surrounding among students. 50 NSS Volunteers, Teacher, were participated in this mission. Whole college campus, class rooms, Library, Laboratory, was cleaned by the students.

Outcome of the Programme:

- ➤ It raised awareness about cleanliness among students.
- > Transformation campaign improved India's environmental health.







1. Name of Organizing Committee : National Service scheme

2. Name of Activity : Plantation

3. Place of Activity : Jalu Tq. Nandgaon (Kh.) Dist. Amravati

4. Date of Activity ; 5th August, 2020

Details of Activity (In Brief):

On 05/08/2020 tree plantation campaign was organized by NSS unit at Jalu (Adapted village in Tq. Nadgaon (kh.), Dist- Amravati). Near about 100 plants were distributed and plantation activity was done successfully. About 20 students, staff members and villagers from Jalu participated enthusiastically.

Outcome of the Programme:

- > Reduces temperature and increase humidity which helps in reducing global warming.
- > Reduces the impact of air pollution and noise pollutions.
- ➤ Helps in making in better environment by purifying air, conservation of water, climate control preserve soil Provide safeguards to lives by providing breathing support.







Name of organizing Committee : National Service Scheme

2. Name of Activity : Plantation Programme

3. Date of Activity : 08.07.2018

Details of Activity (In Brief)

NSS unit has organized the plantation Programme on 08/07/2018 at adapted village Hinglaspur, Nandgaon (Kh) and in the campus of Modi Hospital Bandera 100 plants were donated to the villagers for plantation in their farms at Hinglaspur. The sarpanch of Hinglaspur member of gram panchayat villagers, students and staffs were present during this occasion

Out of the Programme:

1) Students and villagers understand the importance of plantation









Name of organizing Committee : National Service Scheme

2. Name of Activity : Clean India mission Pandharwada

3. Place of Activity : Hinglaspur, Hindu cremating ground.

4. Date of Activity : 15.08.2018

Details of Activity (In Brief)

Clean India mission drive was conducted by NSS unit during 01/08/2018 to 15/08/2018 at various Place to aware students and citizens about cleanness and its benefits All the NSS students took part in the event with the NSS Co-ordinate This drive is conducted at various places as follow

1.01/08/2018 to 04/08/2018; College and College campus

2.06/08/2018 to 11/08/2018; various public places at Badnera

3. 13/08/2018; at adopted village, Hinglaspur

4. 14/08/2018; At Hindu Cremation Ground, Rally

5. 15/08/2018; cleaning

Out of the Programme:

1) Helpful in proper Disposal of solid and liquid waste.

2) It got successful in creating awareness about Cleanliness and sanitation among people

Dr. Atul R. Patil DIRECTOR
Physical Edu. & Sports
R.D.I.K. & K. D.College













1. Name of organizing Committee : National service scheme

2. Name of activity : Intellectual Session on sustainable

Development of Rural areas.

3. Place of activity : Hinglaspur

4. Date of Activity :

Details of Activity (in Brief):

NSS unit has organized the intellectual session on sustainable development of rural areas. Shri.Vinodrao Khedkar, B.P.O Nandgaon Block explained the Panchayat Raj Yojana to students and villagers. The development of rural areas lies in agricultural development "He said during speaking". Sarpanch Shri. Arunbhau Bhagat presides the session.

Outcome of the Programme

- ➤ Students understood the conservation of biodiversity, improved air and water quality preservation of natural resources and promotion of sustainable land is necessary for the sustainable development of rural area.
- > Students and villagers understand the panchayat raj in details.

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Physical Edu. & Sports
R.D.I.K. & K. D.College

5. Name of Organising Committee: National Service Scheme

6. Name of Activity : Project Undertaken in Camp

3. Place of Activity : Hinglaspur

7. Date of Activity : 4-11/01/2019

Details of Activity (In Brief):

In special village camp at Hinglaspur the project of village cleaning, drain cleaning, road cleaning and erosion pit construction for drain water management was undertaken. Students were divided into groups. Each group makes 5 erosion pits to absorb drain water to increase the water level of village. Villagers were co-operative for making erosion pit. The wastewater and drain water management programme succeeded fully

Outcome of the Programme

- Emphasize the dignity of labour and self help and the need for combining physical work with intellectual pursuits.
- Encourage students and non student's youth to work along with adults in rural area for developing their character, social consciousness, commitment, discipline and health and helpful attitude towards the community.
- > To awaken and to sensitize the youth as well as rural about cleaning, health, hygiene and social issues.
- ➤ Develop the sense of collective working.
- Aware the community to protect water resources for future generation.

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Physical Edu. & Sports
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BADNERA

-----PROGRESIVE WORK -----









AFTER COMPILETION OF WORK



1. Name of Organising Department : **Department of Geography**

2. Name of Activity : Water and Soil Survey

3. Place of Activity : At.Jawara, Tq.Nandgaon (kh.)

4. No. of Participants : Students 41 Teachers 04

5. Date of activity : 24th March, 2023

Details of Activity (In Brief):

Water and soil are the two important factors of the environment. Today the water and soil problem has become serious therefore a water and soil survey was done by the students at Jawara village on 24th of march 2023. Total 219 houses were surveyed in this village. In order to observe the problems, students collected the samples and sample data was analysed. Other information regarding the soil and water was gathered with the help of a questionnaire, related to water conservation methods. Students asks about the storage facility of water, what crops they grow in the field, what measures the take to maintain the soil fertility and at what interval they change the crops for better soil, etc. Students discussed the finding of analysis with the villagers and villagers were given some tips which would reduce the problems related to soil and water. A report was prepared by the students using the same questionnaire. In this survey Sarpanch of the village Mrs. PratibhaMohol, and other gram panchayat members helped in taking the survey. This survey was completed under the guidance of Dr. Aruna Patil and Dr. M.B. Gathe.

Outcome of the Programme:

- > Survey helped to convey importance of water and soil testing to villagers.
- > Awareness of water conservation awareness was also created through water survey.
- > Students were able to study the water condition in the village.
- > Students understood how to write excellent reports from primary data.

Name & Contact No. of Expert: Shri.PravinGulhane (9860568464)











1. Name of Organising Department : Department of Geography

2. Name of Activity : Water Survey

3. Place of Activity : At. SiddhanathpurTq. Nandgaon (Kh.)

Dist. Amravati

4. No. of Participants : Students 63 Teachers 03

5. Date of activity : 29th April, 2022

Details of Activity (In Brief):

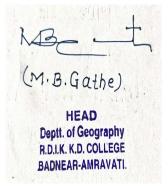
Water is very important natural gift among the many gifts given by nature to human beings. Due to scarcity of water during summer season, water has to be supplied by tankers in the district. A water survey was conducted in the village Siddhanathpur on April 29, 2022 to know the water problemme of Siddhanathpur, a remote village, 20 Kms. away from Badnera.

63 students of B.A. Part III under the guidance of Dr. Manon Gathe carried out this survey.
33 groups of two students each collected information from 166 houses in the village through questionnaire. They gathered information about availability of water resources in the village, whether they have easy access to it, the water storage system in houses and how far away villagers go to fetch the water during summer. Students, through interaction with villagers made them aware about importance of water conservation.

Outcome of the Programme:

- > Through the survey students learnt the importance of water.
- Learnt to collect primary data.
- Water awareness was created through water survey.
- > Students were able to study the water condition in the village.
- > Students understood how to write excellent reports from primary data.









आज हिनांक २९ एप्रिस, २०२२ रोजी ग्राम निष्ट्नायपूर येथे जल-सर्वेक्श डायोजित कर्ठ्यात आले. याहरिता बी.ए. भाग-३ भूगोळ निषयाचे खाजील नियांची उपास्थित होते व त्यांनी जल-सर्वेस्स्गाम्ह्ये सहमाग नो'दनिया.

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1. Name of Organising Department : **Department of Geography**

1. Name of Activity : Geography Day

2. Place of Activity : Online Guest Lecture

3. No. of Participants : Students 84 Teachers 06

4. Date of activity : 14th January, 2022

Details of Activity (In Brief):

In his lecture on environmental pollution and global warming, he talked about the various causes of rise in global temperature and its adverse effects on mankind as well as on this planet Earth. He appealed students to come forward, have active participation and roll in 'Pollution free planet' campaign. Principal Dr R. D. Deshmukh was chairperson of the programme. He said that, every citizen has right to leave in pollution free atmosphere. People should be made aware of water conservation, forest conservation and wild life conservation.

Outcome of the Programme:

➤ Online lecture made students familiar with digital platforms like Zoom.

> Students understood the concept of global warming.

> Understood the causes of Global warming.

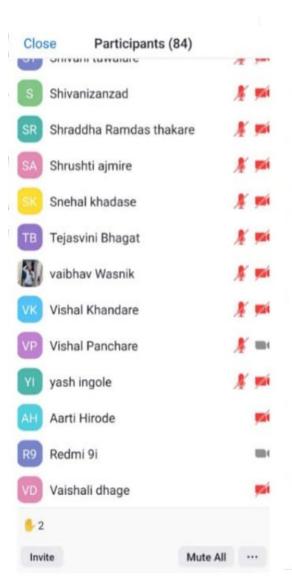
> Students understood not to make any kind of pollution.

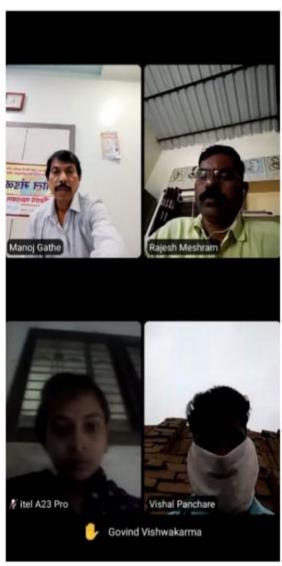
Awareness was created among students about water conservation, Wild life conservation.

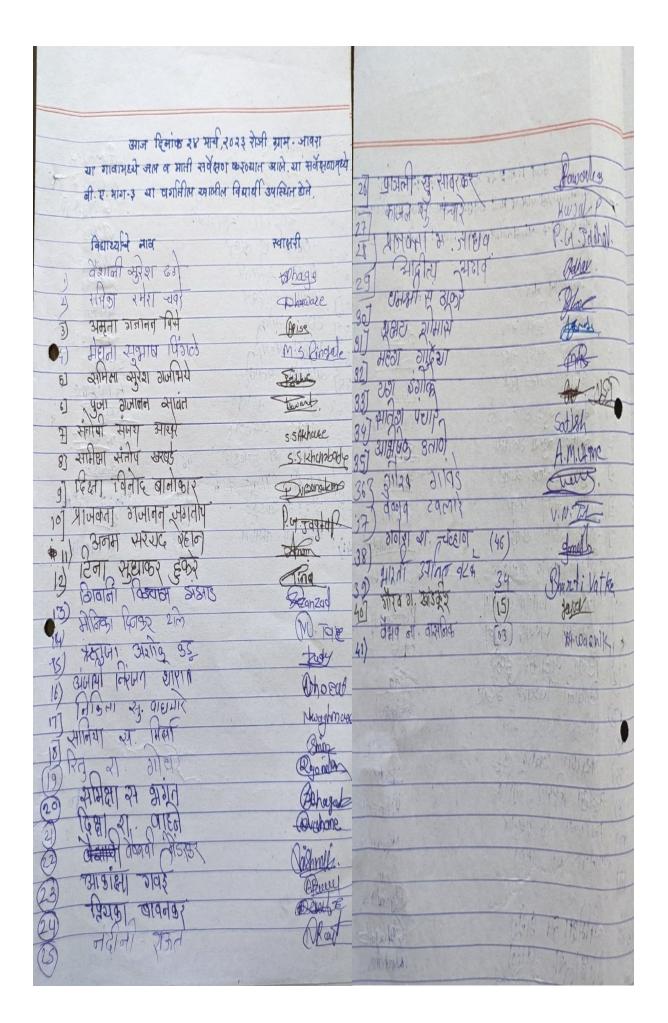
Name and Contact No. of Expert: Prof Dr R. P. Meshram (9922856730)

(M.B.Gathe).

HEAD
Deptt. of Geography
R.D.I.K. K.D. COLLEGE
BADNEAR-AMRAVATI.







1. Name of Organizing Committee : National Service Scheme

2. Name of Activity : Plantation and Plant Distribution

3. Date of Activity :

Details of Activity (In Brief):

Plantation activity was carried out by NSS unit in college. Plants were distributed among NSS volunteers. 5 plants are given to each student and guided them how to do the plantation. Students have done plantation to their villages, following social and physical distance due to Covid – 19.

Outcome of the Programme:

- > Students understood basic principles process and functions of plant growth and reproduction including photosynthesis respiration vegetative growth and reproductive growth.
- > Student learnt that plantation reduces greenhouse gases hence to keep environment free form toxic gases.

> Tree plantation helps to sustain nature and maintain the dignity of human life on earth.







2. Name of Activity : Tree Plantation Programme

3. Place of Activity : Modi Hospital, Badnera

4. Date of Activity : 1st July, 2019

Details of Activity (In Brief):

NSS unit has conducted the plantation programme on 01/07/2019 at college campus, nearby Modi Hospital and college hostel campus. NSS volunteers, Principal Dr. R. D. Deshmukh, programme officer, Dr. Manoj Gathe, Dr. Seema Meshram, Staff members participated in this activity.

Outcome of the Programme:

- 1. To aware the students about the importance of plantation for human survival and ecological balance of the environment of the earth.
- 2. Plantation is effective in reducing global warming and maintaing the biodiversity.

N.S.S.

Bar. Ramrao Deshmukh Art's & Smt. .ndira
«Kapadiya Commerce & Science College

Radners (Amravari





1. Name of Organizing Committee : National Scheme Service

2. Name of Activity : Clean India Mission Drive

3. Date of Activity : 15-18th August, 2019

Details of Activity (In Brief):

N. S. S. unit has implemented 'Clean India Mission' on 27/07/2019 at Badnera Railway Station, Badnera. Also NSS unit conducted cleaning drive under clean India Mission from 15/08/2019 to 30/08/2019 at various places in Badnera city. Villagers of Badnera was participated in this cleaning drive Cleaning awareness Rally in Badnera 22/08/2019

- 1. College Classroom, Laboratory, Library and college campus. 23/08/2019
- 2. Cleaning drive at public place Modi Hospital, Bus stand, near the statue of great man 26/08/2019
- 3. At. Adapted village, Hinglaspur. 28/10/2019
- 4. Railway station area -28/10/2019

Outcome of the Programme:

- > Campaign raised public awareness about cleanliness.
- Raised awareness about the importance of sanitation and hygiene.
- ➤ Increased the consciousness of huge responsibility and commitment of cleanness.
- ➤ Helped in creating healthy productive atmosphere for earning and promoting sustainability.







1. Name of Organising Department : **Department of Geography**

2. Name of Activity : Elocution Competition (Cleanliness)

3. No. of Participants : Students 13 Teachers 03

4. Date of activity : 20th January, 2020

Details of Activity (In Brief):

elocution competition was organised by the Department of Geography On 20 January 2020. The topic of this competition was "Cleanliness". Thirteen students participated in this competition. Introduction to the program was given by Dr. Manoj Gathe. Students shared their thoughts on cleanliness and importance of cleanliness. They shared views on cleanliness of premises that it is not a onetime thing but a continuous process. They talked about premises sanitisation which includes the supply of pure and clean water, cleanliness of public places, maintenance of domestic animals, household cleanliness etc. Students also discussed about the effect of cleanliness on health, well-being and overall quality of life. Dr. Vaishali Bhakare was present as examiner of the competition. President of the program Dr. Aruna Patil Also shared her views on cleanliness. The students performance was evaluated and where given first, second and third prize accordingly.

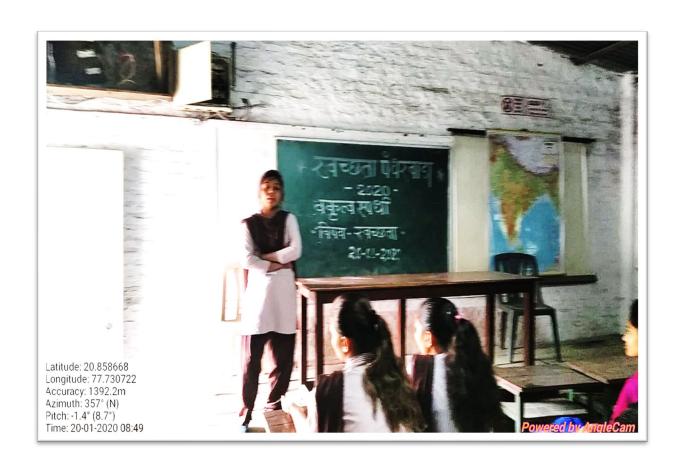
Outcome of the Programme:

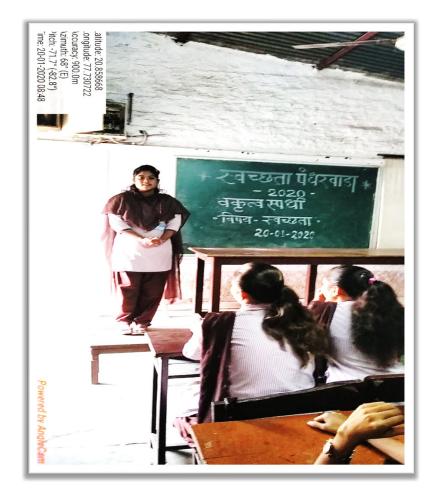
- > Students got aware about importance of cleanliness in surrounding.
- > It encouraged students to reduce pollution, preserve our biosphere, and preserve the earth natural resources.
- > Keep yourself and your surroundings clean, so that health remains good.
- > A Clean Environment automatically boosts our self-confidence.

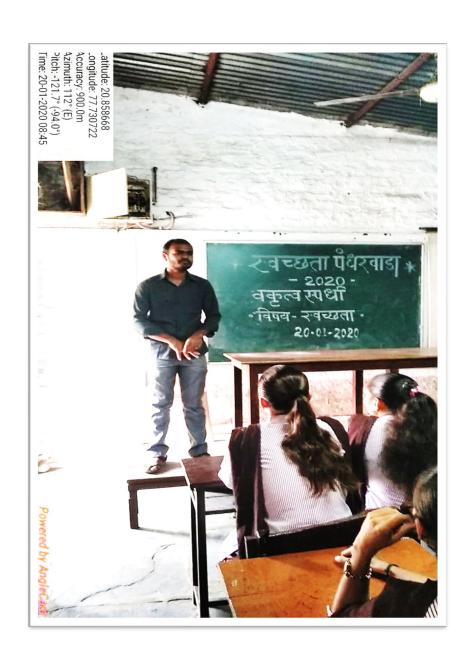
M.B.Gathe)

HEAD

Deptt. of Geography
R.D.I.K. K.D. COLLEGE
BADNEAR-AMRAVATI.







1. Name of Organising Department : Home Economics

2. Name of Activity : Organic farming & Exhibition on Seed

bank

3. No. of Participants : Students 38 Teachers 02 Other 01

4. Date of Activity : 8th March, 2020

Details of Activity:

On the occasion of International Women's Day on 8th March, 2020, Department of Home-Economics organised Seed Bank exhibition by taking inspiration of Padmashri Rahibai Soma Popere & by considering importance of organic farming.

Guidance was given by Head of the department Dr. Lata Hiwase. Seed Bank was prepared by the student. This program was inaugurated by the principal of the college. Dr. R. D. Deshmukh at 10.30 a.m. along with the faculty members, staff and students of the college. Since most of the students of the college are from rural areas and from farmers family, they brought Gavran seeds of different fruit trees, leafy vegetables, fruits, cereals, pulses, oil seeds. These seeds were packed in small packets for display.

These seeds packets were kept for display in the exhibition.

The total 38 students had participated and explained the benefits of Gavran seeds & organic farming to all the visitors. Some of the visitors got impressed with this activity and they keenly got few of the seeds to cultivate in their kitchen gardens.

Outcome of the Programme:

- > Students learnt about different traditional seeds and develop interest in organic farming.
- > Students got importance of organic farming for environmental conservation and for good health.
- > Developed a skill of communication & marketing among the students.

Dr. Lain Hiwase
Name & Signature of Concern Teacher)
HEAD.
Department of Hume Economics

Department of Home Economics Bar R.D.Arts, Smt.I.K.Commerce









2. Name of Activity : Shrama Sanskar Camp Camp

3. Place of Activity : Adapted Village, Hinglaspur

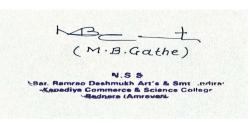
4. Date of Activity : 23-30th January, 2020

Details of Activity (In Brief):

NSS unit organized Shrama Sanskar Camp Camp at adapted village Hinglaspur (Devi), Ta. Nandagaon Kh. From 23/01/2020 to 30/01/2020 during the session 2019-20. During 8 days various programme such as village cleaning, water conservation, block the water drain the water, Erosion-pit development, consumer awareness, environmental awareness, superstition annihilation women empowerment, Agriculture development, personality development, health orientation, competitive examination guidance, addiction awareness campaign, Unnat Bharat campaign. Etc. has been implemented 100 students were participated along with two programme officers and 05 committee members with involvement of villagers..

Outcome of the Programme

- ➤ Volunteering for various talks under NSS activities allows students to become confident, develops ethics and value leadership skills and learn about different people from different walk of lives.
- ➤ Helps the students to grow individually and also as a group.
- ➤ Get an opportunity to NSS volunteers to play their due role in the implementation of various development programmes by planning and executing development projects.
- ➤ Working of students with adult villagers, helping in developing their character, social consciousness, commitment, discipline and healthy and helpful attitudes towards the community.
- Encouraged youth to participate enthusiastically in the process of national development and promoted national integration through democratic living and co-operative action.









2. Name of Activity : NSS camp

3. Place of Activity : Cleanness activity at Hingslaspur

4. Date of Activity : 23rd January, 2020

Details of Activity (In Brief):

23/01/2020 is the first day of camp. All the volunteers came to college campus early in the morning with their own mind preparation for living 8 days at the camp place Hingslapur. Volunteers collected all the material which is required for camp and reach to Hinglaspur at 3.00 PM. Volunteers clean the residential place, camp place and village roads and done the arrangement of mess, water, light, sanitation etc.

Outcome of the Programme:

> Students understood the importance of collective working collective planning and its implementation.

➤ Nurtured co – operative emotions and self-reliance developed management skill in students.

(M.B.Gathe)

Bar. Ramrao Deshmukh Art's & Smt. .ndira «Kapadiya Commerce & Science College —Radnera (Amravan)







2. Name of Activity : Intellectual session on Unnat Bharat

Abhiyan and Water conservations

3. Place of Activity : Hinglaspur

4. Date of Activity : 27th January, 2020

Details of Activity (In Brief):

In NSS camp at Hinglaspur on 27/01/2020 an intellectual session on Unnat Bharat Abhiyan and water conservation was arranged. Dr. Pravin Khandawe guided the students and villagers. Water is life, to increase the water level of earth water conservation is important. "Block the water drain the water" and rain water harvesting is important tasks to increase the water level said Dr. Pravin Khandwee Dr. Nakul Deshmukh was the president of this session created the awareness about water reservoirs on earth its maintenance and water saving among villagers and student

Outcome of the Programme :

> Promotes both water and energy conservation

➤ Help in improving the quality and quantity of ground water through blocking water and draining water.









2. Name of activity : Special rural camp

3. Place of activity : Hinglaspur, Nandgaon (kh)

4. Date of Activity : 23-30th January, 2020

Details of Activity (in brief)

NSS unit has organized 8 days special rural camp at Hinglaspur, from 23/01/2020 to 30/01/20. In this camp the following activities were performed collectively.

- 1) cleanliness under clean India mission
- 2) water conservation
- 3) making of abrasion pits or erosion pit for waste water management and increasing water level in soil
- 4) voting awareness
- 5) consumer awareness
- 6) environmental awareness
- 7) Eradication superstition
- 8) superstition
- 9) women empowerment
- 10) personality development
- 10) Health inspection and health orientation
- 11) Agricultural guidance
- 12) Cultural Activities

Outcome of the Programme

- ➤ These activities nurtured collective efforts among the students
- ➤ Provided opportunities to NSS volunteer to play their roles in the implementation of various development programmers by planning and executing development project.

(M.B.Gathe)

Bar. Ramrao Deshmukh Art's & Smt .ndira «Kapadiya Commerce & Science College «Radnera (Amravari

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Cleanliness under clean India





Water conservation







2.

3. Name of Activity : Environment Awareness through Cultural

Activities during camp.

4. Place of Activity : Hinglaspur, camp area.

5. Date of Activity :

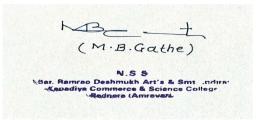
Details of Activity (In Brief):

During special rural camp various cultural programmes were arranged and conducted for awakening people; enlighten people, to remove blind faith, irradiation of superstition and differences to establish harmony. The various cultural activities are

- 1. Kirtan (CollectiveProgramme) of Ramesh Monge Maharaj.
- 2. Lokjagar by Shayam Puri Maharaj.
- 3. Cultural activities of volunteers.

Outcome of the Programme:

- ➤ Improved academic performance builds self-confidence, increase sense of commitment and enhance social skills in students.
- ➤ It is community awakening and enlightening.
- ➤ It is helped in bringing local communities together and flourished equality and fraternity.
- ➤ Boosted happiness, cultural sensitization, national integration.
- ➤ Helped in Removing addiction, superstition, differences and conflicts.
- > Students and villagers get aware about the professional ethics, gender equality, human values and constitutional obligation









1. Name of Organising Department : Home economics

2. Name of Activity : Distributions of Cloth Bags

3. Place of Activity : Jaistambh Chouk, Badnera

4. No. of Participants : Students 26, Teachers 02

5. Date of Activity : 7th September, 2018

Details of Activity:

In order to maintain an environmental balance, 26 students of Home-Economics sewed cloth bags from waste material and distributed them in the market of Badnera on 07/09/2018 under the guidance of Dr. Lata Hiwase Head of the Department. The students gave a message to customer present in the market use cloth and paper bags instead of plastic. The activity was implemented with the intention of creating awareness of plastic pollution in the society.

Outcome of the Programme:

- > Students were made aware about use of cloths bags instead of polythene bags to avoid the pollution.
- > Developed entrepreneurial skills among the students.
- ➤ Learned how to make the best from waste & avoid pollution & gave same message to the society
- ➤ Values of environment conservation are inculcated among the students.
- > Students learned the sewing of bags which help them developed entrepreneurships skills.

Dr. Lain Hiwase (Name & Signature of Concern Teacher) HEAD.

HEAD,
Department of HomeEconomics
Bur R.D.Arts, Smt.I.K.Commerce
&Nya.K.D.Science College,Badnera





1. Name of Organizing Committee : Career Counselling & Guidance Cell

2. Name of Activity : One day Workshop & Training of Paper

Bag Making.

3. No. of Participants : Students 94 Teachers-04

4. Date : 15th October, 2018

Details of Activity (In Brief):

One day Workshop & Training was conducted on paper bag making. This workshop was held under the guidance and training of Dr. Anita Sonule. Students were made aware about how plastic affects environment by reducing soil fertility & soil quality. How plastic bags have become a threat to the life of animals living on earth as well as in water. She threw light on use of paper bags as these are 100% reusable, recyclable & biodegradable and environment friendly. Students were trained to make paper bags by using cardboards, Newspaper, etc. paper bags like flat bags. Grab bags with no handles and bags with handles were made by the students. This guidance gave opportunity to students to create self-employment.

Outcome of the Programme:

- ➤ It enhanced public awareness regarding the detrimental effects that plastic bags can have on environment.
- > It helped to promote the utilization of paper bags and other environmentally conscious alternatives.
- ➤ It promoted the importance of use of paper bags & made them realize that they can make attractive paper bags waste papers.
- > It helped to promote entrepreneurship.

3. Name & Contact No. of Expert : **Dr. Anita Sonule**.

Dr. Atul R. Patil DIRECTOR Physical Edu. & Sports R.D.I.K. & K. D.College BADNERA



Attendance Sheet

Career Counseling and Guidance Cell

One Day Workshop & Training Of Paper Bag Making

Guest Speaker- Dr. ANITA SONULE

Venue- Prof Ram Meghan Hall R.D.I.K. college, Bandera

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17,	Asopita Pravin Mahalan	B.A.D	AP. Mahajan				
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19.	भातहमा पुकार। सन	B.A.II	Bune.				
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21	Nikita Suresheoro Deshmukh	B.A.M	N.S. Deshmukh.				

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1. Name of Organising Department : Home Economics

2. Name of Activity : Rangoli Competition & Make Best out of waste

Exhibition

3. No. of Participants : Students 33, Teachers 02

4. Date of Activity : 25th February, 2019

Details of Activity:

Department of Home-Economics organized a Rangoli Competition. Dr. Lata Hiwase had demonstrated various types of Rangoli like Sanskar bharti, dots rangoli, Free hand design, Geometric etc.to the B. A. 1st year student on 25/02/2019.

The best out of waste exhibition was also held so as to enhance the creative skills among the college student.

By the side the exhibition of best out of waste was also held under guidance of Dr. Lata Hiwase & Dr. Surekha Akolkar students were taught how to use the waste or leftover household items to make a creative article. Students showed their creativity by using waste like paper, cloths, bangles, matchsticks, etc. to prepare paper bag, door mats, decorative wall hangings, artificial flowers, etc.

Total 33 students were participated in this program. In future student may prepare various decorative things and can earn money by selling.

Outcome of the Programme:

- > Enhancement of creative and innovative skills sets.
- > Students were made aware about making Best out of waste.
- ➤ It helped students to create self-employment.
- > Student got encouraged in marketing skills.
- > Students felt motivated for learning the subject through this experimental learning techniques.

Name & Contact No. of Expert : Dr. Surekha Akolkar

Dr. Lain Hiwase
(Name & Signature of Concern Teacher)
HEAD,
Department of Home Economics
Bar R.D.Arts, Smt.L.K. Commerce
&Nya.K.D.Science College, Badnera







1. Name of organizing Department: Department of Botany

2. Name of Activity : Tree Plantation Program

3. No. of Participants : Students- 23, Teacher- 06

4. Date of Activity : 12th August 2022

Details of Activity:

The department of Botany organized the Tree plantation program. The program was attended by the B. Sc. I year student. Tree plantation was done by the hands of Dr. P. M. Deshmukh.

The plantation program was conducted to upgrade and promote, protection, preservation and keep the college campus clean and green. It also diminishes the unfavorable effect of climate change. Such type of program helped to create awareness among the student regarding the importance of ecology and the natural environment. Dr. S. B. Thorat Head Department of Botany and Dr. P. M. Deshmukh sir introduced students about the tree plantation program.

Dr. P. M. Deshmukh sir gave information that exposure to nature improves mood, reduce stress levels, and increase attention spans. He also stated that tree filled campus offer students and staff a peaceful and serene environment, fostering a positive atmosphere for learning and personal growth. He also said that planting trees in college campus has a positive impact on mental and physical well- being of individuals.

Outcome of the Programs:

- To upgrade and promote, protection, preservation and keep the college campus clean and green, it also diminishes the unfavorable effects of climate change.
- It helped to create awareness among the students regarding the importance of ecology and the natural environment.
- Tree plantation is a great way to increases the students interest in their local environment and achieve academic goal.
- Students got aware about deforestation, landslides and plants in college campus.
- Students learned about lifecycle of trees, the importance of biodiversity and interdependence of biodiversity.
- Students engaged in the tree plantation activities, developed a deeper understanding of environment warship, cultivating a lifelong commitment to. preserving and protecting nature.



DR. SANJAY B. THORAT Head Department of Botany Bar R.D.I.K. & N.K.D. College Badnera

(Dr. S. B. Thorat)

Head Dept.of Botany

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2. Name of Activity : "Workshop on Ecofriendly Holi colour"

3. No. of Participants : Students – 125, Teachers -02 Other -02

4. Date of Activity : 3rd March, 2023

Details of the Activity:

Department of Zoology organized a Workshop on 3rd March 2023, to create awareness among students, about the various types of diseases caused due to festival celebrations that adversely affect on Human being. The aim of this workshop is to generate awareness amongst people about the various harmful effects around Holi celebrations and encourage people to celebrate an eco-friendly Holi. Dr. Swapnil Tinkhede, Vinayak VidhyanMahavidyalayaNandgaonKhandeshwar was the resource person initially explained the present scenario of celebration of holi festival with respect to playing color. He pointed out that today the people celebrate holi by using colour Dye which is prepared from chemical, he also told that how this colour are harmful to human body and environment.

To avoid adverse effect of these chemical colour, he asked the student to use natural colour which can be easily made in house from availablematerial, zero or low cost He also focused on the use of natural colour, having medicinal property and which is beneficial to skin.

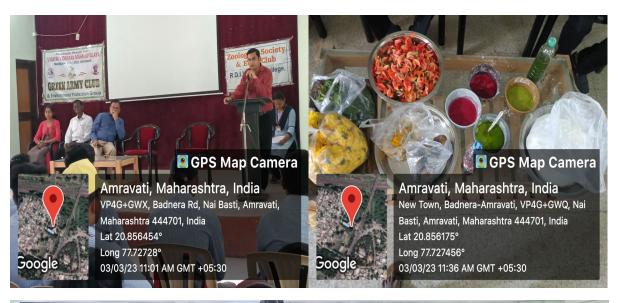
In this workshop Dr. Swapnil Tinkhede givedemonstration and procedure about the preparation of natural colour from materials such as turmeric, beetroot, spinach, clustered powder and flowers of trees that blossomed during spring, such as the Indian Coral Tree (parijat) and the Flame of the Forest (Kesu), both of which have bright red flowers. These and several other blossoms provided the raw material from which the brilliant shades of Holi colours were made. Most of these trees also had medicinal properties and Holi colors prepared from them were actually beneficial to the skin. Students also practised to prepare the colour during workshop and taking oath that not to use chemically synthesized colour during holi.

Outcomes of the program:

- 1. The event successfully raised awareness about the adverse effects of chemical-based Holi colours, prompting a shift towards eco-friendly alternatives.
- 2.Students acquired practical skills in creating natural colours, fostering a sense of empowerment in adopting sustainable practices.
- 3) Students committed to use this natural colour in future celebrations.
- 4) The use of eco-friendly colours significantly reduced the environmental footprint of the event, as they are biodegradable and non-toxic.

Name & Contact No. of Expert: Dr. Swapnil Tinkhede- 9404855670.

Vinayak vidhyanmahavidhyalayeNandgaonkhandeshwar





Bar, Ramrao Deshmukh Arts, Smt. Indiraji Kapadiya Commerce & Nyay. Krushnarao Deshmukh Science College, Badnera. Department of Zoology Session 2022-23

Name of Activity: Extension Activity (Preparation of Ecofriendly Holi Colour)

Date :- 03/03/2023

Attendance Sheet

Sr. No.	Name of Students	Class	Signature
>	Vaibhau Bhasme	881	M M
2	Molammarl Augon?	A. S.	MAS
3)	Mohummud Suad	B.Sc-I	My
4)	Azijan Touheed Pritik B. Sairise	BSCI	
3)		BICT	Mu
6	Adeeba Shahezadi	B.5.7	th.
7	Simman Mizza	B.SII	gening
8	Jayesha Anjum	B.S.I	- Paul
9)	Shumaila Arham	B.Sca	₩.
10)	adeeba Anem	BsJ	Jah
1	Pranjal Dulhani	BST	Prop
12)	Shreya Meshrum	13.50	a Gal
(3)	Pruchi Mehasare	B-5CI	, Damehasa
14)	sakshi Paway	850	1 Gavos
12)	kirti D swłonke	8:AI	Salank
16)	Nikita s Khandure	BAI	N-S-Khana
14	kalyani O Raut	BAI	

19	Anam Javeniya	BSCI	Anne /
19	Madiha Sahtz	RSCI	
28	Jawah Harz Fatema	8.9C-T	Haliah
QI	Loike Iron	B.94]	
02	Maira Mukan Afrar Khan	RSCI	Allay
23	Khushbu Aafnin	ASCI	
24	Anam Afrin	B.S.CI	Jan-
25	Sarah Sirdan	B60 I	Shaila
64	Sumaima Mayjya	B-SCT	Maryig
QT.	Sapia Thabut	BSC-I	Baphy
21	Argrega kalkhajr	BSC-I	Shreya
	Pratiksha Wath	AA-I	ant
29	Mingsun Darge	R.COM	- 10
30	Toshika, Chandelay	B.AI	A. I
32	SAKSHI WWWYE	Bons	A
_	SAKSHI WAWYE	Robert	10.7
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36]	Tejashvi Thalize		polo.
37)	SUKESTION S. Molthole	B:501	41.4
39)	Poesan Dagoot		Ranau
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43	Warton a Christerman	11/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1	
44	Taronnun K Shaikh	B.S.L	Kapes
45	Gunjan M. Sultane	Osc4	Car
46	Garates Mawale	BSCI	\$
47	Zotyeba Aemain	R-&cI	Ø.
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2. Name of Activity : Distribution of Guppy fish (Mosquito Fish)

3. No. of Participants : Students- 10, Teachers-02, Other-03

4. Date of Activity : 30th November, 2022

Details of Activity (In Brief)

Gambusia fish culture project is being run by zoology department. Our college is an authorized center for Anti malaria fish Gambusia (Guppy masa) Governed by District malaria Department (Urban only) and Amravati Municipal Corporation since the year 2001. It comes under the jurisdiction of Urban Health post Modi Hospital Badnera. These fishes help to control the diseases like malaria, dengue and chicken gunya.

The malaria department often takes the Gambusia fish from our college tank for distribution in malaria prone regions. Zoology department also provides the fish to people like govt. Modi hospital or students who approach to the department.

Outcome of the program:

- 1) By distributing Guppy fish to students and the local community, there is a positive impact on mosquito, control. Guppy fish are known for their effective consumption of mosquito larvae, reducing the mosquito population in the area. these fishes help to control the diseases like malaria, dengue and chicken gunya.
- 2) Students have the opportunity to learn about responsible fish care and the maintenance of an aquatic ecosystem. This hands-on experience fosters a greater understanding of environmental stewardship, involving the local society in this eco-friendly initiative promotes community engagement and awareness about the importance of maintaining a healthy environment.

Dr. Anil J. Gour
Head Department Of Zoology
R.D.I.K. and N.K.D. College
Badnera, Amravati.





Bar. Ramrao Deshmukh Arts, Smt. Indiraji Kapadiya Commerce & Nyay. Krushnarao Deshmukh Science College, Badnera.

Department of Zoology Session 2022-23

Name of Activity: - Extension Activity (Distribution of Guppy Fish)

Date: -30/11/2022

Attendance Sheet

Attendance Sheet			
Sr. No.	Name of Students	Class	Signature
1	Aziyan Tayherd	BSCII	Danah
2)	Mohummud Sucud	BSC-II	mel
3)	sakshi Pawar	BSC TE	Baros
W)	Previous Dulherni	RSC-II	prouses
5)	Jayosha Angum		Ruk
61	Simpon Mizza		Borning
4	Adreba Shahezadi	BSCD	stah.
80	Shumarla Arham	B.Sch	Ano.
9	Prachi k mehavate	BSCI	Bonehwake
(8)	Bhreya Melhrom	BSCI	Se-
77)	Adreba sman	8.ScI	Delle
12)	PEatik B. Sainise	BSCI	Bar
(3)	vaibhay Bhasme	B.ScI	BM
111	Mohammail Ausaaf	13-SC-7	MAL
· Is)	Nikita s khandure	4	N.S.Khand
165	Kirki D. solanke	/	Richi salen

Signature Head, Department of Zoology

2. Name of Activity : Collection of flowers and garlands offered

toGoddess during,Navaratri and Ganesha.

3. Place of Activity : Durga Mandals in Badnera.
4. No. of Participants : Students – 27, Teachers -02

5. Date of Activity : 07/09/2022 & 04/10/2022

Details of Activity (In Brief):

During Navratri and Ganesha, which is a Hindu festival dedicated to the goddess Durga and Ganesha, it is customary for devotees to offer flowers and garlands as a symbol of devotion and respect. These offerings are made at temples and altars set up in homes. People often use a variety of flowers, including Marigolds, Roses, and Jasmine, to create vibrant and fragrant garlands. The garlands are meticulously crafted and can be quite elaborated. This flower and garland were thrown by the people anywhere as a waste which later create pollution, This practice is a significant part of the cultural and religious celebrations during Navratri& Ganesha.

Department of Zoology has taken these initiatives to use this flowers and garlands for Ecofriendly treatment like vermicomposting as a source of organic material. They provide a good carbonto-nitrogen ratio, which is essential for the balance in a compost pile. However, it's important to ensure that the flowers and garlands are free from any non-biodegradable materials like plastic or metal wires.Dr. A. J. Gour, make aware students and devotee that when we throw this flower and garland in water this may cause pollution in water and gets bioaccumulates in animal and human also, causes some serious health hazards to aquatic creatures.

Collection from Temples: Students visited local Ganesh Mandal, Durga Mandals of Badnera during Navratri to collect used flowers and garlands that had been offered to the goddess.

Segregation: The collected flowers were segregated to remove any non-biodegradable materials like plastic or other waste.

Vermicomposting: The organic waste, primarily consisting of flowers and garlands, was then used as feed for a vermicomposting setup.

Vermicomposting Process: Students actively contributed to the setup and maintenance of the vermicomposting system. They fed the organic waste, primarily consisting of the collected flowers and garlands, to the earthworms.

Outcome of the Programme:

- 1) It reduced the amount of organic waste that would otherwise have been disposed of improperly could be used in local organic farming, promoting sustainable agriculture.
- 2) This activity raised awareness about the importance of responsible waste management and ecofriendly practices.
- 3) Such programs can serve as educational tools, teaching communities about the benefits of composting and sustainable waste management practices.

4) It encourages community participation and cooperation in sustainable practices, fostering a sense of collective responsibility towards the environment.

Dr. Anil J. Gour
Head Department Of Zoology
R.D.I.K. and N.K.D. College
Badnera, Amravati.





1. Name of organizing Department : Department of Botany

2. Name of Activity : Extension Activity on Awareness of

Medicinal Plants at Village Uttamsara

3. No. of Participants : Students- 18, Teacher- 03

4. Place of Activity : Uttamsara village
 5. Date of Activity : 13thMarch 2023

Details of Activity:

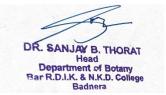
All the B. Sc. I year students attended this awareness activity of 'Medicinal Plants' activity. In the activity seven students presented different medicinal plant and gave information about its medicinal importance. Plant sapling prepared by students distributed among the villagers, like *Aloe vera*, *Asparagus racemosus*, *Catharanthus roseus*, *Ocimum sanctum*, *Rauwolfia serpentine*, *Tinospora cordifolia and Withania somnifera*.

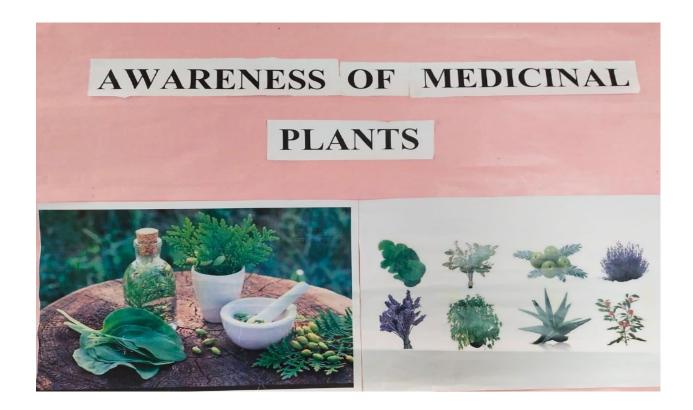
- 1) Rauwolfia serpentiena: The root of the plant is used in to a powder form or sold in tablets. It is snake like in appearance which is used to treat snake like in appearance which is used to treat snake bites, insomnia, high blood pressure and mental illness.
- 2) Withania somnifera: commonly known as Ashagandha or winter cherry students informed the medicinal properties of Withania sominifera. It is used in anxiety, cancer, microbial infection, and immune modulation and neurodegenerative disorders.
- 3) Cathrantus roseus: commonly known as bright eyes, cape periwinkle, graveyard plant. This plant is used in cancer and diabetes, root paste is used in septic wounds. Root decoction is used in fever, leaves, are used in menorrhagia, leaf juice is used in blood dysentery while the latex is used in scabies, muscle pain etc.
- 4) *Tinospora cordifolia:* Student said that it is a widely used plant in folk and Ayurvedic system of medicine. Its root, stems, and leaves in Ayurvedic medicine. It is used in the treatment of fever, jaundice, chronic, diarrhea, cancer, dysentery, bone fracture, pain, asthma, skin disease, poisonous insect, snake bite, eye disorders.

Outcome of the Programs:

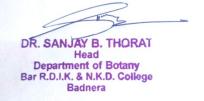
- Students created awareness among community, students and faculty members regarding uses and conservation of medicinal plants.
- Student helped in identification of locally available medicinal plant
- Students planted medicinal plants in their grouped
- They provided material for plant medicinal herbs

- The villagers got role of medicinal plants in diseases prevention.
- They distributed medicinal herbs to the village people through the action









2. Name of Activity : **Distribution of earthen pots to students of B.Sc.**

3. No. of Participants : Students—14, Teachers -04

4. Date of Activity : 20th March, 2022

Details of Activity (In Brief):

World Sparrow Day, celebrated annually on **March 20**th, by department of zoology with aims of raising awareness about the conservation of sparrows and other urban birds. This report provides a brief overview of the significance and activities associated with this important day. Department of Zoology organized an event where earthen pots were distributed to B.Sc. students. Dr. Atul Patilexplained that Sparrows play a crucial role in urban ecosystems, and play important role as Natural Pest Control, insectivores, consuming a variety of pests like mosquitoes, flies, and beetles. Their presence helps to naturally regulate insect populations, reducing the need for chemical pesticides. They aid in seed dispersal, contributing to the growth of plants and trees in urban areas. This promotes biodiversity and supports the overall health of ecosystems. Their presence or absence can serve as an indicator of the overall health and balance of urban environments.

In conclusion, sparrows play a vital role in maintaining the balance of urban ecosystems. Their decline highlights the need for conservation efforts to restore their populations and ensure the health and sustainability of our urban environments.

The distribution of earthen pots, to the students during summer season because of the scarcity of water and food so that students use these pots to provide water and food to the birds, aimed to promote eco-friendly practices and highlight the importance of sustainable living and distributing the earthen pots to the students. The distribution ceremony took place in the Department of Zoology premises. Dr. Atul Patil, personally handed earthen pots to the B.Sc. students. This gesture underscored the department's commitment to environmental conservation and sustainable living.

Outcome of the program: -

1)Student got aware about the importance of Sparrow.

Dr. Anil J. Gour Head Department Of Zoology R.D.I.K. and N.K.D. College Badnera, Amravati.







Bar .R .D .I .K. & .K .D. College, Bandera (Rly.) Department of Zoology Session 2021-22 vity :Distribution of earthen pots to students of B.Sc.

Name of Activity

Date:-21/03/2022

Attendance Sheet

Sr. No.	Name of Students	Signature
0	Jayesha Anjum	(Sair
0	Adiloa Ayum	Actilon
3)	Shumalla Arham	Dec.
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13)	Mohammad Saad	med
14>	Hoesh .P. Khobragade	Helob rageider

Dr. A. J. Gour Head, Department of Zoology

1. Name of Organizing Department : **Department of Botany**

2. Name of Activity : Swachh Bharat Abhiyan (Oxygen Zone In

Botanical Garden)

3. No. of Participants : Students- 17, Teacher- 02

4. Date of Activity : 1st March 2022

Details of Activity:

Department organized cleanliness drive under Swachh Bharat Abhiyan. This was engaged by Dr. S. B. Thorat along with Miss. Vaishali Ingale at Oxygen Zone Garden to create awareness among the students regarding cleanliness and its benefits under this program 09 students from B.Sc.I year and 08 students from B.Sc.II year on 01/04/2022 at Botanical Garden in College campus. Students with Head, department of Botany Dr. S. B. Thorat cleaned the Botanical Garden. Through the action he gave information about Botanical Garden and its maintenance. He said that a Botanical Garden is a collection, cultivation and display of a wide range of plants labeled with their botanical names. Some of the oxygen giving plants are planted by the student in the garden in oxygen zone area. Plants like Tulsi (Oscimum), Aloe vera, Snake plant, Areca palm, Peace lilly etc. were planted in the oxygen zone area. he also give the expert garden maintenance tips to the students. Such as mowing the lawn, cutting trees, cutting hedges, clearing leaves, watering the garden.

He gave the information about following course in garden, horticulture and maintenance, learning mode, course level, course duration, eligibility and course details.

Related courses:

- 1) M. Phil horticulture
- 2) B. Sc. Floriculture and Landscape
- 3) M. Sc. Horticulture
- 4) Diploma in Nursery Management.
- 5) Diploma in Floriculture and Landscape Gardening.
- 6) Certification Gardner course etc.

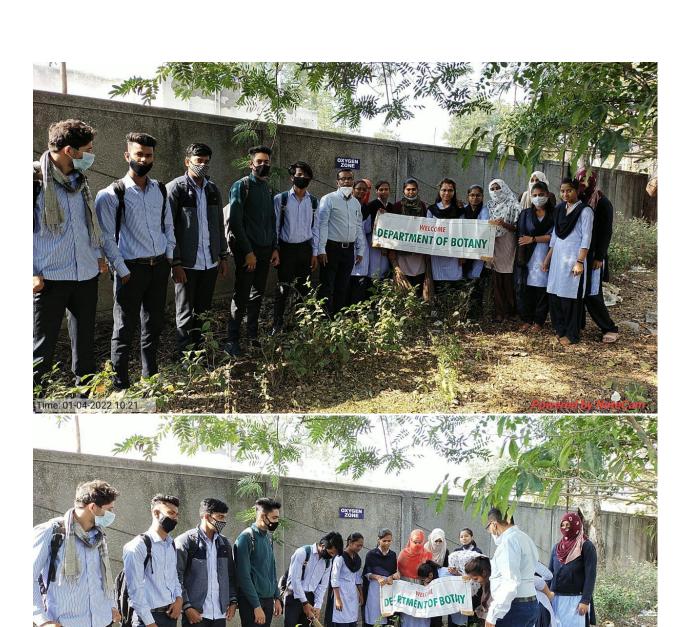
Student collected the waste plant material from the garden and put them in a big pit for manure preparation.

Outcome of the Programs:

- To focus the importance of cleanliness.
- To understand the humanity education and self-reliance can lead to progress.
- To aware about cleanliness and maintain aesthetic and healthy environment in the surrounding.
- Students learned the garden management techniques
- They got information about garden maintenance and gardening.
- Students applied the garden maintenance tips in their household garden.

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DR. SANJAY B. THORAT Head Department of Botamy Bar R.D.I.K. & N.K.D. College Badnera



Time: 01-04-2022 10:21

2. Name of Activity : Distribution of Guppy fish (Mosquito Fish)

3. No. of Participants : Students- 10, Teachers-02, Other-03

4. Date of Activity : 25th March, 2022

Details of Activity (In Brief):

Gambusia fish culture project is being run by zoology department since 2001. Our college is an authorized center for Anti malaria fish Gambusia (Guppy masa) Governed by District malaria Department (Urban only) and Amravati Municipal Corporation since the year 2001. It comes under the jurisdiction of Urban Health post Modi Hospital Badnera. These fishes help to control the diseases like malaria, dengue and chicken gunya.

The malaria department often takes the Gambusia fish from our college tank for distribution in malaria prone regions. Zoology department also provides the fish to people like govt. Modi hospital or students who approach to the department.

Outcome of the program:

- 1) By distributing Guppy fish to students and the local community, there is a positive impact on mosquito, control. Guppy fish are known for their effective consumption of mosquito larvae, reducing the mosquito population in the area. These fishes help to control the diseases like malaria, dengue and chicken gunya.
- 2) Students got opportunity to learn about responsible fish care and the maintenance of an aquatic ecosystem. This hands-on experience fosters a greater understanding of environmental stewardship, involving the local society in this eco-friendly initiative promotes community engagement and awareness about the importance of maintaining a healthy environment.

Dr. Anil J. Gour Head Department Of Zoology R.D.I.K. and N.K.D. College Badnera, Amravati.



Bar .R .D .I .K. & .K .D. College, Bandera (Rly.) Department of Zoology

Session 2021-22

Name of Activity : Distribution of Gappy fish

Date:-25/03/2022

Attendance Sheet

Sr. No.	rame of Students	
1	Rinku Subhash Sontakke	Bontatte
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3	Shumaila A Mohammod M	Si-
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Dr. A. J. Gour Head, Department of Zoology

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	13) Mohammad Danish	Dant
	20) Naishuari S. Dhane	Vaishau
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	24) Namyada, R. Vaidya	40
	25 P. R. Bhakare	Dag.
N	26) Puja Growtam Rauf	PujaRe
	27) Leinu D. Nunuutkur	L-Dunt
	28) Darokhsha N.G. Ahmad.	<u></u>
	29) Shantany Vinedan Deshmukh.	51.00shu
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Dr. Mrs. S. V. Deshmukh Head, Department of Zoology

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1. Name of organizing Department : Department of Botany

2. Name of Activity : Wall Poster Activity (Save the Environment)

3. No. of Participants : Students- 26, Teacher- 02

4. Date of Activity : 12th January 2022

Details of Activity:

The Department of Botany, engaged Wall Poster Activity for the students of B.Sc. I (Semester II) students on 12/01/2022. Wall poster activity was very successful event organized for students of B.Sc. I year (Sem. II) students. Dr. S.B. Thorat along with Ms. Vaishali Ingle conducted the activity. Wall poster activity were organized on the theme' Save the Environment' Environment is a precious gift on this planet. Saving environment is the need of the hour. Faculty helped the student for ideas on saving environment. unfortunately, our environment has come under serious threats. This threat is almost entirely due to human activities. So, there is an urgent need to save the environment. Therefore, planting trees is need for the future generation.

Students present poster on topics.

- 1) Save environment
- 2) Go green
- 3) Save the earth
- 4) Save environment save human
- 5) Save environment, save earth save life.

Through such activities students learned about the saving trees, reduced pollution, deforestations, forest conservation, soil erosion, and climate change. It is the biggest concern of humanity right now; any delay in this regard could be disastrous.

Outcome of the Programs:

- It enhances the creativity about presentation skill.
- It imbibed motivation, confidence to create something completely original in students.
- Students inspired saving the environment.
- They got knowledge about protecting our forest and other natural ecosystems.
- They inculcated that conserving the environment would certainly improve the health of people.
- Student actively involved in the environment protection. Students participated in making surroundings clean and greener for the current as well as future generation.

DR. SANJAY B. THORAT Head Department of Botarry Bar R.D.I.K. & N.K.D. College Badnera





1. Name of Organizing Department : Department of Botany

2. Name of Activity : Distribution of Oxygen Producing Plant

3. No. of Participants : Students-57, Teacher- 03

4. Place of Activity
5. Date of Activity
27th April 2022.

https://youtu.be/4RW4oVrHEsw

Details of Activity:

Department of Botany Organized the field visit cum Extension activity at Belora Village B.Sc. I and B.Sc. II years Students dated 27/04/2022. At Belora village department has distributed Day Night Oxygen giving Plants to the people. Students gave the information about oxygen giving plants to the village people. Villagers gave very good response to the activity. For the activity Dr. R. D. Deshmukh Principal motivated to the students. Head department of Botany Dr.S. B.Thorat along with Mr. Vaishali Ingale and Mr. Devanand Shende were escorted the students. Activity was taken in the pandemic COVID- 19 period. It becomes helpful to know about the indoor oxygen producing plants like

1) Money plant 2) Aloe Vera 3) Snake plant 4) Tulsi plant 5) Pepal tree 6) Areca palm plant 70 Gerbera plant 7) Christmas tree 8) Neem Plant 9) Orchid 10) Bamboo plant 11) Ficus plant They discussed plants release oxygen at night and consume carbon dioxide, creating a very convenient environment for us humans to breathe it. Many plants are found to supply usually during day, whereas this process gets reversed at night. Some popular plants that give oxygen 24×7×365 days. Students took a look at these green beauties and ask villagers to start planting them around themselves.

From the above plant list students gives the detailed information to the peoples of Belora village.

1) **Snake plant**: *Dracaena trifasciata*

It is a straight upright plant that grows up to 3 feet. It is said to absorb carbon dioxide from the air as well as to clean formaldehyde from the air. It is easy to grow as it doesn't need to be watered regularly.

2) Areca Palm: Dypsis lutescens

Goes by the name golden palm, butterfly palm and yellow palm. It can be early planted in full sun but it prefers provide shade. It releases oxygen and increasing its level in the area where it is kept, also filters pollutants like xylene, toluene and formaldehyde.

3) Aloe vera plant:

Known to remove toxins from the air like aldehydes and benzene. It release oxygen during day as well as night. They have pointed leaves with white transparent gel. It also has a medicinal property and used for multiple treatment like /minor burns, psoriasis, constipation, diabetes etc. over watering can been its root, whereas it prefers a sunny atmosphere.

4) **Money plant:** Epipremnum aureum

This plant help remove Benzene, toluene, xylene and formaldehyde. Student said that this plant help improve the oxygen from the air.

5) Gerbera plant:Gerbera jamesonii

Gerbera is a flowering plant species that known for its oxygen releasing properties at night. It is benefitted to people who suffer from sleep and breathing disorder. It needs sunlight in its flowering season. The Garbera plant can survive for more than two years.

6) Tulsi: Oscimum sanctum:

It is used to treat asthma, cold, sore thorat, high bold pressure and cholesterol. It is an excellent stress relaxant and inflammation controller. Tulsi is easily available in each and every house and can be used by the people. Is also absorbs harmful gases like carbon monoxide, carbon dioxide and sulphur dioxide from the air.

7) Neem tree: Azadiriachta Indica

Students focused on neem having antibacterial properties to purifying air around us. It acts as a natural pesticide and cure for many ailments. It extracts are used in different hair care and dental products.

8) **Peepal tree**: Ficus religious

Gives oxygen at night too. In India the Peepal tree is considered one of the holy tree. Students gives information about the Peepal tree that treat asthma, constipations, acts as a remedy for tooth decay, diabetes controller. This is scared tree found in every village and cities. Also, the plant can keep improving the quality of air and provides oxygen at night.min late 2019, severe acute respiratory syndrome corona virus (SARS-Cov-2) emerged with a high transmission rate and severe effects on human health. Students introduced that in the air purification method indoor plants can purify the air by the removal of air pollutants and airborne microbes. The use of airborne microbes. The use of indoor plants as a new possible eco-friendly tool for indoor air purification and for reducing the spread of Covid-19 in confined places.

The symptoms of COVID-19 are breathlessness. Students told that a lack of enough oxygen in your body can lead to fatal cardiovascular condition. Because of lockdown by government, many families stay at home, the air in these, enclosed spaces become more polluted than ever. Plants purifier and generate high oxygen level. In times of COVID-19 isolation and stress, plants make people happy and relive all the stress, boost the immune system to fight against

corona virus. Students and faculty distributed oxygen releasing plants at Belora village and request them to planting indoor plants in their homes.

Outcome of the Programs:

- Students increased the awareness about the plantation of oxygen giving plant
- Students implanted the importance of tree plantation for our health.
- People from village made aware people about biodiversity, deforestation.
- Students learned the various uses of plants and role of plants in air purification.
- Moral values like co-operation was inculcated in the student.
- They learned kindness, respect for the environment care for health and critical thinking.
- Students prepared for their determination to overcome through conditions and situations.
- Villagers gathered at various places in the village and received the information given by the students.

DR. SANJAY B. THORAT Head Department of Botany Bar R.D.I.K. & N.K.D. College Badnera

BAR.R.D.I.K.& N.K.D COLLEGE, BADNERA

DEPARTMENT OF BOTANY

Extention Activity (27/04/2022)

DAY NIGHT OXYGEN PRODUCING PLANT



Save Tree Save Life







Bar .R .D .I .K. & .N.K .D College, Badnera (Rly)

Extension Activity Program AT: Belora , Ta.Nadhgao Khandeshwer, Dist Amravati. Session:-21-22 Attendance Sheet

Date: 27/04/22

Sr. NO	Class	Name of Students	Signature
	BSC-I	Peatik Balu Scieise	Beissie
2	B. Sc-I	Harsh Pramod Khobragade	Akhobragodo
3	1	Aziyan Touhead Shelh	What
4	B.SCJ	Pawan Chate	Poli
5			Delin
6	B.Sc I	Salman Khun Aleeba Shahezadi	Ash
7	B.Sc-I		Aliber
8	B.ScI	Simzan Müza	Suisa
9	BSCI	Jayesha Anjum	Dayo
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11	B.SCI	Ashwini v. Bhoge	Pushoge
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Bar .R .D .I .K. & .N.K .D College, Badnera (Rly)

Extension Activity Program AT: Belora , Ta.Nadhgao Khandeshwer, Dist Amrayati. Session:-21-22 Attendance Sheet

Date: 27 04122

Sr. NO	Class	Name of Students	Signature
1	B.SCII	Arpit Gazanan Thalcore	
2	B.5c T	Pratik Baly Sairise	AThaka
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13	B.Sc.I		Z ram-
14		Tanisha Bansal.	Taya
15	BSCI	Asma sada/_	ASM
	Bac II	Tanvi S. Kangle	Kongle
16	B.Sc. II	Rodha V. Bhende	Q. Word
17	B.Sc.II	Madiya Ngj Sheikh Anis	Madiya
18	B.Sc.I	Sneha M. Raut	askut
19	B.SCI	Ku. Ashwini v. Bhoge	Bushoge

DR. SANJAY B. THORAT Head Department of Botany Bar R.D.I.K. & N.K.D. College Bydnera

Bar .R .D .I .K. & .K .D College, Bandera (Rly) Department of Botany Extension Activity at village Belora 2021 costs			
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Department of Botany
Bar R.D.I.K. & N.K.D. College
-Badnera

IN. D. I MANUE.

1. Name of Organizing Department : Chemistry

2. Name of Activity : Best from Waste

3. Place of Activity : Chemistry Laboratory

4. No. of Participants : Students- 126 Teachers – **06**

5. Date of Activity : 27.01.2020

Details of Activity (In Brief):

The Department of Chemistry organized an Extension activity (Best from Waste) for B.Sc. I, II, III, and M.Sc. I, II on 27/01/2020. Dr. R.D. Deshmukh (Principal, RDIK & KD College, Badnera) inaugurated an event. In this activity, students made various decorative articles from waste material. Taking into account that today, recycle for a better tomorrow Students made flower pot from waste bottles and coconut fibre coir rope, wall hangings from waste bangles, pharmocol balls, pen holder from coconut shell, basket from remaining clothes, paper basket, lamp from the use and through glass, vacuum cleaner from waste bottle, pipe and battery, drum and veena from coconut shell etc. The main objective of the programme "Best from Waste" is that it reduces environmental pollution and helps to protect natural resources. This activity can encourage creativity and innovation, as students are challenged to come up with creative ways to turn the waste materials into something useful.

Outcome of the Programme:

- > Students got an idea about optimum use of material.
- After participating in this activity students' skill of innovation & creativity got improved.
- From this activity students learnt how to use waste material and make surrounding Clean and beautified.
- > Students understood environmental conservation consciousness.
- > Students learnt how to Minimize the Production of Waste, Reduce Pollution Effects, Ensure Sustainability etc.



Best from Waste

















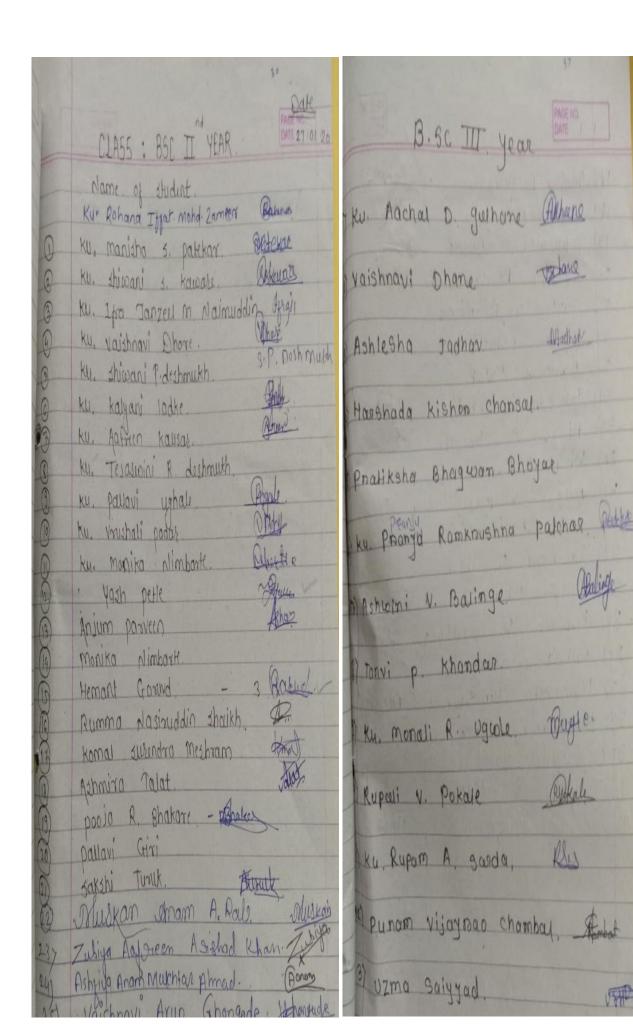




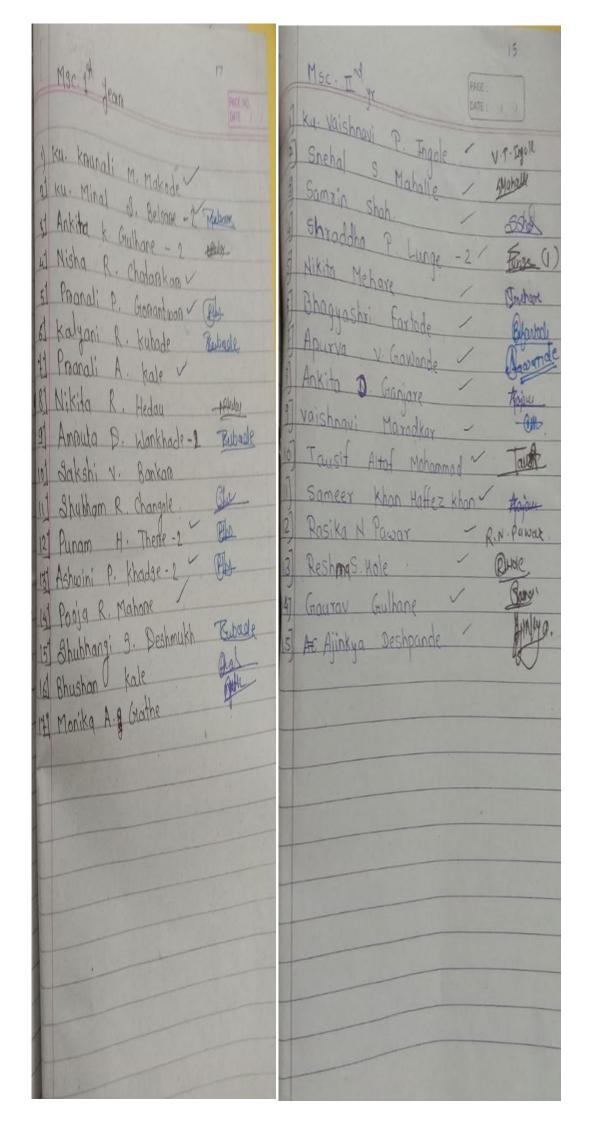
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1. Name of Organizing Department : ZOOLOGY

2. Name of Activity : World sparrow Day on 20th March

3 No. of Participants : Students -17, Teachers-03

4. Date of Activity : 20th March, 2020

Details of Activity (In Brief)

:

World Sparrow Day was celebrated annually on 20thMarch its aim was to raise awareness about the conservation of sparrows and other urban birds. This report provides a brief overview of the significance and activities associated with this important day. On the occasion this year Dr. S.V Deshmukh Head, Department of Zoology delivered brief lecture to the Students about Sparrow Day. In her speech she lightened students with following point.

- 1) Need of sparrow.
- 2) Current population.
- 3) Causes of decrease in population
- 4) Adverse effect on environment.
- 5) Steps to be taken to increase the population.

Outcome of the Programme:

1)Student got aware about the importance of Sparrow and need of saving sparrows.

Dr. Anil J. Gour
Head Department Of Zoology
R.D.I.K. and N.K.D. College
Badnera, Amravati.





Bar .R .D .I .K. & .K .D. College, Bandera (Rly.)

Department of Zoology Session 2019-20

Name of Activity

: World sparrow Day on 20th March

Attendance Sheet

Sr. No.	Name of Students	Signature
1)	Vaishnayi Shankarro Dhane	AM.
2	Suchita Tumsare	Billito
3)	Namata Tumsase	Main
4)	Radha Sonono	Ris
5>	Nammata Vaidya	Mailya
	pooja Bhakare	Paja
7)	Lochan Khandat	Introndar
8	January Pensty	Typend.
3)	Posja pokale	Pspikals
10)	Komal R. BiAne	PREISIC
11	priya Anil Thrase.	France.
里	Ashlasha v. Jadhark	Ashlesh
43)	Puja Groutano Raut	Payil
	Afreen Ahmord	Orgum.
	Shantany V. Deshmukh	S.V. Due
167	Payal Sanial Sawale	Buensle
171	Neha Sonlar khade	Weher

Dr. Mrs. S. V. Deshmukh Head, Department of Zoology 1. Name of Organising Department : ZOOLOGY

2. Name of Activity : Workshop on vermicompost

3. No. of Participants : Students-10, Teachers -05, Other -05

4. Date of Activity : 21st August, 2019

Details of Activity (In Brief):

Department of Zoology organized Workshop on vermicompost for the students, people of nearby area and Villagers on dated 21th August 2019. Resourse person Dr. Mangala Bhamburkar, Microbiologist, Parikshit Biotech, Amravati gave demonstration on how to prepare vermicompost bed. She told that first of all make aeration of soil with the help of aeration tool. Put organic waste invermicompost project tank then add thin layer of cow dung and Agriculture waste. Spray water over it up to 3 days to cool down the bed because earthworm require cooler temperature to live. It will be die or go deeper which is not beneficial. After that add earthworm in that bed and again thin layer of cow dung and agriculture waste add over it. Spray water on it for cooler. Now bed is ready and earthworm make fertilizer within 3 months.

Outcome of the Programme:

- 1) Participants, including students, faculty, and local community members, gained a deeper understanding of the process of preparation of vermicompostBed, vermicomposting, and the importance of worm compost in agriculture, and how to create their vermicompost.
- 2) The workshop raised awareness about the environmental benefits of vermicompost, including its role in reducing waste and improving soil fertility, thus promoting sustainable and eco-friendly practices.
- 3) The event encouraged community members to actively participate in sustainable agriculture and environmental conservation efforts, fostering a sense of shared responsibility.
- 4) Dr. Bhamburkar's demonstration inspired participants to apply what they had learned in their own homes, gardens, or local agricultural projects, thereby contributing to broader environmental sustainability.

Name & Contact No. of Expert : Dr. Mrs. Mangala Bhamburkar's

Dr. Anil J. Gour Head Department Of Zoology R.D.I.K. and N.K.D. College Badnera, Amravati.

Workshop on vermicompost



1. Name of Organising Department : ZOOLOGY

2. Name of Activity : Collection of flowers and garlands offered to

Goddess during, Navaratri and Ganesha.

3. Place of Activity : Durga Mandals in Badnera.

4. No. of Participants : Students – 18, Teachers -02,

5. Date of Activity : 5th October, 2019

Details of Activity (In Brief):

During Navratri and Ganesha, which is a Hindu festival dedicated to the goddess Durga and Ganesha, it is customary for devotees to offer flowers and garlands as a symbol of devotion and respect. These offerings are made at temples and altars set up in homes. People often use a variety of flowers, including Marigolds, Roses, and Jasmine, to create vibrant and fragrant garlands. The garlands are meticulously crafted and can be quite elaborated. This flower and garland were throw by the people anywhere as a waste which later create pollution, This practice is a significant part of the cultural and religious celebrations during Navratri.

Department of Zoology has taken these initiatives to use this Flowers and garlands for Eco-friendly treatment like vermicomposting as a source of organic material. They provide a good carbon-to-nitrogen ratio, which is essential for the balance in a compost pile. However, it's important to ensure that the flowers and garlands are free from any non-biodegradable materials like plastic or metal wires. A. J. Gour, makes students aware and devotee that when we throw this flower and garland in water this may cause pollution in water and gets bioaccumulates in animal and human also, causes some serious health hazards to aquatic creatures.

Collection from Temples: Students visited local Ganesh Mandal, Durga Mandals of Badnera during Navratri to collect used flowers and garlands that had been offered to the goddess.

Segregation: The collected flowers were segregated to remove any non-biodegradable materials like plastic or other waste.

Vermicomposting: The organic waste, primarily consisting of flowers and garlands, was then used as feed for a vermicomposting setup.

Vermicomposting Process: Students actively contributed to the setup and maintenance of the vermicomposting system. They fed the organic waste, primarily consisting of the collected flowers and garlands, to the earthworms.

Outcome of the Programme:

- 1) It reduced the amount of organic waste that would otherwise have been disposed of improperly could be used in local organic farming, promoting sustainable agriculture.
- 2) The activity raised awareness about the importance of responsible waste management and ecofriendly practices.
- 3) Such programs can serve as educational tools, teaching communities about the benefits of composting and sustainable waste management practices.
- 4) It encourages community participation and cooperation in sustainable practices, fostering a sense of collective responsibility towards the environment.







Bar .R .D .I .K. & .K .D. College, Bandera (Rly.) Department of Zoology

Name of Activity: Collection of flowers and garlands offered to Godess during
, Navaratri

Sr.	5 10 2019 Attendance Sheet	
No.	Name of Students	Signature
1:	Minary parvien	Maire
2	Sumayya Shekh	200
3	Naziya Khanam	Nais
4)	Kanchan Sudhakar Rathod	Reside.
5	Meenal Shalignam Pawar	1
6	Shivani Ukanda Dhokane	Bho.
7	Shivani Senghapal Khandekar	Starlo
87	Shubhan gi v. Sable	Eable
16	Hayuri Ratan Jawaskar	Mayur'
(0)	vaishnaui Mahadenrao othode	Powale
11)	Mayuri Kishor Darokur	Store

Shivani Pradip Dhone

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165

Putika Sarjay Kharbadakar

Signature of Incharge Teacher Dr. A. J. Gour 1. Name of Organizing Department : ZOOLOGY

2. Name of Activity . Eco- Friendly Ganpati.

3. No. of Participants : Students – 20, Teachers-02, Other -01

4. Date of Activity : 20th September, 2018

Details of Activity (In Brief)

On 20th September 2018, Department of Zoology organized a programmed to create awareness among students, about the various types of pollutions being caused due to festival celebrations. Dr. S.V.Deshmukh, Head, Department of Zoology told that all over India Especially in Maharashtra people celebrate Shri Ganesha festival with enthusiasm Generally these devotees used idols of plaster of paris having chemical colored. When we immerse these idols in rivers, lakes and other water bodies, these idols do not settle at the bottom of water bodies, as the plaster of Paris is not soluble in water. These idols are painted with various chemical paints which pollute the water. The flowers offered to our deity are also thrown in water body which also pollutes the water and spared bad odour,gets bioaccumulates in animal and human also, it also causes some serious health hazards to aquatic creature.

To make the students aware about the adverse effects of plaster of Paris, chemical paints, thermo-coals, etc. which deteriorated our environment, Dr.S.V.Deshmukh, showed the film on topic "Eco-friendly Ganpati". The film showcased various aspects of celebrating Ganpati in an eco-friendly manner. She explained Practice of creating Lord Ganesha idols from Natural Clay, and pollution caused after the emersion of these idols in water bodies and its effect on environmental, urged students to celebrate eco – friendly Ganesh festival by using idols made from shadu or natural clay. students, took an oath to Celebrate the festival in an eco-friendly manner. Avoid the use of non-biodegradable materials and synthetic colors. Promote eco-conscious celebrations in their communities. Spread awareness about the importance of environmental responsibility during festivals.

Outcome of the Programme:

- 1) Students are made aware about the pollution caused by idol prepared from plaster of paris.
- 2) Student got hands on training for making idol from clay.

Dr. Anil J. Gour Head Department Of Zoology R.D.I.K. and N.K.D. College Badnera, Amravati.





1. Name of Organizing Department : Department of Botany

2. Name of Activity : Swachh Bharat Abhiyan

3. No. of Participants : Students- 17, Teacher- 04

4. Date of Activity : 15thJuly 2019

Details of Activity:

Swachh Bharat Abhiyan was engaged by Dr. S. B. Thorat in college campus. to maintain aesthetic and healthy environment in the surrounding. The students from the B. Sc. I, II and III years were participated in the program. A clean environment is a basic ideology in sustainable development. A whole lot diseases can be traced back to unhygienic environment and irresponsible waste disposal. Students clean the college campus and garden area. They collected all the waste material from campus and bifurcated in a dry and wet tank, which will be collected by Municipal Corporation for future waste management.

Outcome of the Programs:

- The student knew about the sanitization, cleanliness, and team work.
- They got aware about the environment communication modes, leadership,
- Monitored and encourage the participants through this program.
- Students through the action took the responsibility of cleanliness drive
- They made every possible effort to make college campus clean.
- Students understood their own responsibility towards cleanliness.
- They maintained cleanliness at homes, colleges and public places to ensure good health.

DR. SANJAY B. THORAT Head Department of Botarry Bar R.D.I.K. & N.K.D. College Badnera





DR. SANJAY B. THORAT Head Department of Botany Bar R.D.I.K. & N.K.D. College Badnera

Bar .R .D .I .K. & .K .D. College, Bandera (Rly.) Department of Zoology

Session 2019-20

Name of Activity: "Eco-friendly Ganapati"

Date: - 28 /08 /2019

Attendance Sheet

Sr. No.	Name of Students	Signature
4	Kajal Aturoro Kale	Kajas
2]	Suverna 8 awale	Sure.
3)	Hernat Ravindra Grausa	4 June
4)	Saurabh R Martokan	6.R.mantoka
5)	Polya Ashwardas Ingole	P.J. Ingole
67	Monika Naryyan	Monika
7)		Contract of the Contract of th
8)	Kajul N Kale	Kwal
رو	Shirani Deshmukh	Phine
10)	Samiksha Sune	Same
11)	Vaishal, V Grajbhiye	Barbhiye
12)	Dhunshey G. Kunny	D. Jams
131	Swelce L. Rout	Chuta
14)	Trupti Sharad Infole	F.S Infole
15)	Yrushali H. Padar	R.H. Pades
(6)	Zubigg anam Shely	Muc
[7]	Aujune Parvein	- Suging
-18.)	Rohemer. Shek.	Shot

	13) Mohammad Danish	Donnet
	20) Naishuavi S. Dheme	Valshau
	2) suchite & Turnsaire	Jumsaga
	29 Namerata Pramod Tumsae	Nasan
	-3, Padha J Eppone	Radho
	24) Namrata . B. Vaidya	AND.
	25) P. R. Bhakare	Dave -
	26) Puja Growam Raut	PuraRe
	27) Leena D. Dwiddkar	La-Dunt
	281 Dourakhsha N.G. Ahangol.	
	29) Shantany Vinodrao Deshmukh.	5.V. Desmin
	30) Tuinkal Datiex	Patie
4		

Dr. Mrs. S. V. Deshmukh Head, Department of Zoology

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1. Name of Organizing Department : Department of Botany

2. Name of Activity : Extension Activity at Dhaba (Distribution of

medicinal plants)

3. Place of Activity : Dhabha Village

4. No. of Participants : Students- 22, Teacher- 04

5. Date of Activity : 17 February 2020

Details of Activity:

Department of Botany Organized the field visit at Dhabha Village B.Sc. I and B.Sc. II years Students on 17/02/2020. The department has distributed medicinal Plants to the people. Students gave information about medicinal plants to the village people. Students are given information about some medicinal plants listed below with common name, botanical name, family name and their uses on the diseases and ask them to plan the medical plants and earn money.

- 1) Aloe Vera:commonly known as Korphad belongs to family Liliaceae. This medicinal plant has been employed to treat skin problems, burns, wounds, anti-inflammatory process. It shows other therapeutic properties including anticancer, antioxidants, anti- diabetic and anti-hyperlipidemic. People can use bottled Aloevera gel or take it directly from the leaf of an aloe plant. Regularly applying a small amount of its pulp to the face can help treat various skin diseases. Including acne, eczema and sunburn. When taken by mouth aloe gel is possibly safe if we take it for short term. It has been used safely in a dose of 15 ml daily for up to 42 days.
- 2) Adathoda vasica: Common name Adulsa from family Acanthaceae. It is effective against headache, colds, cough, whooping cough, fever, asthma, dyspnea, jaundice, chronic bronchitis and diarrhea. The leaves, root, flowers and bark of this plant have been used in the forms of decoction or powder.
 - It is also called 'Vasaka'in acute stage of Bronchitis, vasaka gives unfailing relief to relief from asthma dried leaves should be smoke. The juice from its leaves should be given in doses of 2 to 4 gms in treating diarrhea and dysentery. A powder of its leaves can be applied on wounds, rheumatic joints and inflammatory swellings gives beneficial results.
 - In bronchiectasis mixture of 20 ml of juice of vasaka leaves with 250 mg Black salt is useful. Students strictly advised to consult a doctor before taking it during pregnancy, lactation or if have any chronic diseases.
- 3) **Asparagus officinalis**: is commonly known as "Shatavri" it belongs to family Aspargaceae. Students gives the information on medicinal uses and effectiveness of Asparagus to the people. It is a plant widely grown as a vegetable the root and seeds are used to make medicine. It is also used for high blood pressure, obesity, kidney stones constipation.; students also give the information about Ashwagandha, Tulsi, *Azadiracta* (Neem), Emblica officinalis (Amla) etc and their uses in our lives.

Outcome of the Programs:

- Created awareness among villagers about the medicinal plants.
- Students got opportunity to connect with residents and share their resources.
- Helps in solving the rural problems and also help instill social responsibility, groom overall personality and create awareness on social issues.
- Students learned various medicinal plants and their uses in everyday life.
- Students clarified their role in the treatment of present diseases and how they can be used to produce more effective drugs.
- Students distributed medicinal plants like *Asparagus*, *Rawlfia serpentine*, *Adathoda vasica*, *Emblica officinalis* to the villagers.
- Students enjoyed and got the knowledge with enthusiasms.
- Farmers suicide can be prevented by using modern techniques in the agriculture activities.
- Farmers can harvest the crop of medicinal plants in their farm, it help them to increase the yielding source.







DR. SANJAY B. THORAT Head Department of Botarry Bar R.D.I.K. & N.K.D. College Badnera 1. Name of Organising Department: ZOOLOGY

2. Name of Activity : Collection of flowers and garlands offered to Godess

during, Navaratri and Ganesha.

3. Place of Activity : Durga Mandals in Badnera.

4. No. of Participants : Students – 18, Teachers -02

5. Date of Activity : 20/09/2018 & 15/10/2018

Details of Activity (In Brief):

During Navratri and Ganesha, which is a Hindu festival dedicated to the goddess Durga and Ganesha, it is customary for devotees to offer flowers and garlands as a symbol of devotion and respect. These offerings are made at temples and altars set up in homes. People often use a variety of flowers, including Marigolds, Roses, and Jasmine, to create vibrant and fragrant garlands. The garlands are meticulously crafted and can be quite elaborated. This flower and garland were thrown by the people anywhere as a waste which later create pollution, This practice is a significant part of the cultural and religious celebrations during Navratri.

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- 3) Such programs can serve as educational tools, teaching communities about the benefits of composting and sustainable waste management practices.
- 4) It encourages community participation and cooperation in sustainable practices, fostering a sense of collective responsibility towards the environment.







ACADEMIC REPORT FOR SESSION 2018-2022

1. Name of Organizing Department : Department of Botany

2. Name of Activity : Guest lecture 'Bamboo its role in

Entrepreneurship and environmental conservation'

3. No. of Participants : Students-66, Teacher-07

4. Date of Activity : 29th August 2018

Details of Activity:

Inauguration Ceremony of Botanical Society for the session 2018-19 on 29/08/2018, at the hands of Mr. Sayyed Salim, Forest Officer, Forest Department, Amravati. He shared the detail information about the no. of species of Bamboo present in all over the world and it is 110 genus and 1500 species. In India 16 Genera and 134 species present, 70% of Bamboo found in North East of India. Bamboo can be differentiated under two categories

1) Sympodial

2) Monopodial

Mr. Sayyed Salim sir also said that Bamboo absorbs greenhouse gases like Carbon dioxide and release 35% more oxygen in the atmosphere. He also state that Bamboo can be used as a bio-fuel, food, architecture and construction applications and plays a large role in the local economy by creating job opportunities. Bamboo has been known as "Poor Man's Timber". There is small market of bamboo which is called the traditional market of Bamboo, that directly provides income to local people, and there market product include chopstick, handicrafts, bambooshoots (food) and medicine. The wide range of Bamboo products include various types of basket, trays, tables, chairs, lamps and other useful and decorative items. We observed a range of prices for similar products, depending on the market, location and availability of items.

Sr. no.	Bamboo product or items	Local/Common	Market Price (in Ru.)
		Name	
1	Basket	Tokari	50-450
2	Winnowing tray	Supa	120-300
3	Food grain basket	Topra	250-500
4.	Mat	Chatai	240-1000
5	Hat	Торі	50-150
6	Rocking chair	Jhula, Kursi	500-1500

7	Flower pot	Phooldan	250-450
8	Sofa	Sofa	15000-42000
9	Table lamp	Mezbatti	300-1200
10	Toys	Khilone	50-1000

There is remarkably wide and diverse range of uses for the bamboo that is present, and its product play an important role in improving the socioeconomic status of the under privileged population.

The inauguration program was chaired by Dr. R.D. Deshmukh, Principal and Dr. S. B. Thorat was an organizer of the event. The president of Botanical Society Ms. Neha Sadaf gave the welcome speech and briefly described about the program schedule. Mr. Sayyed Salim enlightened the students about various species and germplasm of Bamboo from India and Abroad and also ask the students to visit the Bamboo Garden, Wadali. The program was concluded with the vote of thanks by Ms. Pooja Bhakare.

Outcome of the Programs:

- Mr. Sayyed Salim enlightened the students about various species and germplasm of Bamboo from India and Abroad.
- Encouraged new and existing cultivators to grow more bamboo could help to minimize the deforestation rate, while an increase in bamboo use would help save the environment from pollution.

Name and Contact No.:

Mr. Sayyed Salim, Forest Officer, Forest Department, Amravati., 9860220851

SANJAY B. THORAT



Bar. R.D.I.K. & N.K.D.College, Badnera

Department of Botany
Guest lecture 'Bamboo its role in Entrepreneurship
and environmental conservation'

Class: B.Sc.III (Sem-V)
ATTENDANCE SHEET

29/08/2018 Date: -

S.No	Name of Students	Signature
1	Dipali G.Pimpalkar	D. G. Dis
2	Mitali N.Ganvir	Miles.
3	Rutuja D.Adkane	Que.
4	Pranjali A.Sawai	Parney
5	Nehasadaf A.Mohamad	Asses,
6	Abhishek P.Gharde	A.P. Galand
7	Samirbano S.Shaikh	
8	Minal G.Nandeshwar	
9	Diksha B.Ghodewar	DikshaGe
10	Firdos R.Parmar	Ford
11	Rani K.Riyad	Rainis
12	Simran N.Dhamai	
13	Sapna A.Mohod	Car Des
14	Shivani S.Chafale	Duren
15	Dattaprasad D.Shivhare	
16	Priya M.Gwalani	VIV. DOD
17	Vaishnavi V.Pokale	V. Pokale
18	Pooja R.Charde	· ·
19	Shivanjali R.Kanhekar	A.U. Ax
20	Ankita U .Ambadkar	110
21	Sakshi D.Khajurkar	Skhow

22	Apurva S. Bherde	Aprenas
23	Ankita R.Lad	Aprilia B
24	Snehal P.Bhasme	
25	Switi R.Bhoyar	
26	Neha V.Gajbhiye	Negra
27	Suraj D.Palekar	
28	Diksha M.Bodhalkar	Swar.
29	Surekha .P.Bokde	155 1
30	Sunita D.Bhadke	Sunitable
31	Alfiyaniganish N.Khan	0
32	Sapna D.Duratkar	giorna
33	Rasika D.Kshirsagar	
34	Kumud S.Suryawanshi	proj a P. Bhaut
35	Pooja P.Bahute	
36	Komal A.Darekar	Komall
37	Parvesh R.Shekh	
38	Snehal D.Akhare	S.D. Akhale

No.of Students-

23

(F-73/#:

DR. SANATO Preacher AT Head
Department of Botany
Bar R.D.I.K. & N.K.D. College
Badneya

Bar. R.D.I.K. & N.K.D.College, Badnera Department of Botany Guest lecture 'Bamboo its role in Entrepreneurship and environmental conservation' Class: B.Sc.II (Sem-III) ATTENDANCE SHEET

Date: - 29/08/2018

.No	Name of Students	Signature
1	Vaishnavi S. Dhane	VSIbark
2	Radha j.Sonone	Reginone
3	Pooja R.Bhakare	Charkye
4	Pooja S.Pokale	
5	Namrata P.Tumsare	Konaso
6	Shivani D.Kanse	Karnoole
7	Punam D.Kanode	· P. Aento.
8	Shiba Anjum .J.Shekh	Anjum.
9	Diksha A.Mohod	Astambool
10	Shivani S.Tambade	\$18 dembad
11	Asleshsa V.Jadhav	Acel law
12	Pragati D.Wankhade	
13	Radha N.Ingale	Radha Ingo
14	Shrutika P.Bhad	
15	Tanuja D.Prusty	T.D.Prust
16	Lochan D.Khander	
17	Tejaswini D.Londe	Tronell
18	Pratiksha R.Lande	
19	Ashwini V.Balinge	DR alir
20	Suchita P.Tumsare	S.P. Tum

21	Namrata R.Vaidya	
22	Dhanshri M.Borse	M1R .00
23	Kavita A.Parasankar	174Balle
24	Twinkal Y.Datir	,
25	Priya A.Tatare	
26	Dipali L.Darekar	Dipali D
27	Pallavi R.Sonone	D. Pour R
28	Sayali V.Dhawas	
29	Prajakta S.Yeotkar	
30	Komal R.Bisne	In A .
31	Gayatri M.Pawar	Plurele
32	Payal V.Gawande	Rukeul
33	Puja G.Raut	umentled
34	Diksha M.Dhankad	W has
35	Amit S.Gondane	
36	Supriya.S.Ingale	1.11
37	Roshni G.Manke	
38	Vaishnavi G.Tatar	
39	Nishant R.Ganvir	
40	Shankesh R.Meshram	
41	Mohini G.Manakar	
42	Vaishnavi S.Bhagat	
43	Prashant S.Ramteke	

No. of students - 20

DR. SANJAY B. THORAT Head Department of Botany Bar R.D.I.K. & N.K.D. College Badnera Bar, R.D.I.K. & N.K.D.College, Badnera
Department of Botany
Guest lecture 'Bamboo its role in Entrepreneurship
and environmental conservation'
Class: B.Sc.I (Sem-I)
ATTENDANCE SHEET

Date: - 29/08/2018

Date: - /09/2018

Sr. No.	Name of the Students	Signature
1	Rahul Sanjayrao Pokale	
2	Rani Arwind Gajbhiye	Resheld
3	Roshan Rajendra Bansod	
4	Monika Narayan Nimbate	
5	Kajal Arunrao Kale	
6	Priya Ishwardas Ingole	well.
7	Ankita Rajendra Bhawekar	0.11
8	Suvarna Dadarao Sawale	ANO.
9	Samiksha Diliprao Sune	
10	Neha Vinod Rotode	N.V. Pulsal
11	Sakshi Meghsyam Hambarde	N.V. Killer
12	Komal Surendra Meshram	
13	Vaibhav Nitin Gajbhiye	
14	Aswini Santosh Uke	Ap/h
15	Ifratanzeel Mohammad Mulla	7981114 Q
16	Nisha Nileshrao Meshram	(Salliberty C
17	Divyalaxmi Vitthalrao Mawande	
18	Ritul Kisanrao Barbuddhe	Qitil
19	Saurabh Ravindra Marodkar	resulto
20	Darakshahanajim Abdulsyeed Shekh	
21	Pratik Arun Dhore	Book'
22	Zubiyaafreen Arshad Khan	ZuloiyaoNi
23	Vaishnavi Dipakrao Dhore	2007110/1
24	Vaishali Vinayakrao Gajbhiye	
25	Zubiyaanum Zaheeruddin Shekh	THE
26	Anjumparveen Ayyub Khan	-
27	Dhanshri Ganeshlal Kanna	
28	Palak Sandip Pathak	Dalla
29	Pallavi Vitthalrao Giri	11000
30	Hemant Ravindra Garud	110
31	Gauri Gajanan Dhoke	Heme
32	Divya Dilip Olokar	- Jou
33	Manisha Shrikushna Kale	XV4AY
34	Shaikh Alim Huassin Patel	
JT	VARIANCE TO SERVICE TO	Shell

35	Mahewawash Afroz M.Nadeem Mohammad Samyak Vijay Khandese	
36	Samyak Vijay Khandare	
37	Rohana Iffat Mohd Z.Shekh	
38	Vijeta Dilimoo Gi	Sunja
39	Vijeta Diliprao Shevatkar	/
40	Ashfiya Anam Mukttar A. Sheikh	
41	Shaikh Kehan Shaikh Amoor Chatta	
42	Aksnay Madan Chaudhari	
_	Komal Shrikrushna Raut	
43	Kajal Naresh Kale	11.1
44	Kalyani Chandrakant Ladake	keyg.
45	Aniket Vijay Shelokar	
46	Umana Nasimudin Sheikh	
47	Neha Rameshwar Chayan	100
48	Sanjivani Vikash Chavhan	WEW.
49	Sweta Liladhar Raut	
50	Aafreen Kausar A.Khan	
51	Trupti Sharad Ingole	Jourfi
52	Vrushali Haridas Padar	
53	Rohan Kishor Yadav	Rose
54	Mrunal Suresh Chawre	
- 55	Shivani Pradip Deshmukh	
56	Shashank Vilasrao Nichat	
57	Yash Dilip Petle	YCLX14
58	Poonam Supa Pahurkar	Pranjest
59	Pranjali Ajay Raut	A MAN
60	Mohd.Awais SalimMohd	
61	Ishika Hiraman Rokade	
62	Ashmira Talat R.Mohammad	6
63	Mushkananam Abdul Sheikh	14 5
64	Gauri Avinash Gawande	yaus

No. of Streets- 23

DRDSSMidA/BBhothiORAT Head of Department Department of Botany Bar R.D.I.K. & N.K.D. College Badnera

DR. SANJAY B. THORAT Head Department of Botany Bar R.D.I.K. & N.K.D. College Badnera 1. Name of Organizing Department : Department of Botany

2. Name of Activity : Plantation program

3. No. of Participants : Students- 28, Teacher- 06

4. Date of Activity : 7thAugust 2018

Details of Activity:

The Department organized the plantation program in the College campus on 07/08/2018 at the hands of Dr. R. D. Deshmukh, Principal. The head of the department Dr. S. B. Thorat had talked and spread awareness among the colleague and students about the changing environment and need for conservation. He also told that planting tree holds a significant place in creating a sustainable and thriving environment within educational settings. By emphasizing tree plantation in colleges, we nurture a sense of environbility in students fostering their understanding and appreciation for natures importance.

He also provide support leading up to and on the day of planting and all the required tools and trees. Principal Dr. R. D. Deshmukh, Dr. P. M. Deshmukh. Dr. Pravin Murade and other faculty in the college with B. Sc. I, B. Sc. II and B. Sc. III students were present during plantation program. Some of the tree species were planted in the college campus are below.

- Thuja Orientalis
- Cinnamomum tamala
- Areca palm
- Rosa rubiginosa
- Foxtail palm
- Plumeria rubra
- Plumeria obtuse
- Nelumbo nucifera
- Nymphea

Students learnt the species of trees they were planted, how to handle properly and plant the trees and value of trees.

Outcome of the Programs:

- Spread awareness among the faculty and students about the changing environment and need for conservation.
- Reduced the pollution and humidity.
- Activity spread the message about deforestation, erosion of soil and global warming.

- It helped to enhance the beauty of college campus.
- Student learnt that the plantation is necessary that it gives us oxygen, we need to breathe.
- Trees reduce the amount of store water runoff which reduce erosion and pollution in our water ways.
- Students involved in tree planting, gave them a sense of ownership and power.





DR. SANJAY B. THORAT Head Department of Botany Bar R.D.I.K. & N.K.D. College Badnera 1. Name of Organising Department : ZOOLOGY

2. Name of Activity : Distribution of Guppy fish (Mosquito Fish)

3. No. of Participants : Students-Nil, Teachers-02, Other-03

4. Date of Activity : 15/08/2018

Details of Activity (In Brief):

Gambusia fish culture project is being run by zoology department. Our college is an authorized center for Anti malaria fish Gambusia (Guppy masa) governed by District malaria Department (Urban only) and Amravati Municipal Corporation since the year 2001. It comes under the jurisdiction of Urban Health post Modi Hospital Badnera. These fishes help to control the diseases like malaria, dengue and chicken gunya.

The malaria department often takes the Gambusia fish from our college tank for distribution in malaria prone regions. Zoology department also provides the fish to people like govt. Modi hospital or students who approach to the department.

Outcome of the program: -

- 1) By distributing Guppy fish to students and the local community, there is a positive impact on mosquito control. Guppy fish are known for their effective consumption of mosquito larvae, reducing the mosquito population in the area. these fishes help to control the diseases like malaria, dengue and chicken gunya.
- 2) Students have the opportunity to learn about responsible fish care and the maintenance of an aquatic ecosystem. This hands-on experience fosters a greater understanding of environmental stewardship, involving the local society in this eco-friendly initiative promotes community engagement and awareness about the importance of maintaining a healthy environment.

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Dr. Anil J. Gour Head Department Of Zoology R.D.I.K. and N.K.D. College Badnera, Amravati.





1. Name of OrganizingDepartment : ZOOLOGY

2. Name of Activity : Workshop on Celebration of Eco-Friendly Festivals.

3. No. of Participants : Students – 58, Teachers-02, Other -01

4. Date of Activity : 20th September, 2018

Details of Activity (In Brief)

To make the Student aware about the adverse effect of Plaster of paris, chemical paint, thermo-coal and pollution caused due to festival celebration (Durga and Ganesha) department of Zoology in collaboration with Rotary club Amravati organized one day workshop on celebration of eco-friendly festival on 20/09/2018. Chief Guest of the workshop Mr. Shivray Kulkarni told that all over india especially in Maharashtra people celebrate Shri Ganesha festival with enthusiasm Generally these devotee used idols of plaster of paris having chemical colored. When we immerse these idols in rivers, lakes and other water bodies, these idols do not dissolve in water bodies, as the plaster of Paris is not soluble in water. These idols are painted with various chemical paints which pollute the water. The flowers offered to our deity are also thrown in water body which also pollutes the water and spread bad odour, gets bioaccumulates in animal and human also, it also causes some serious health hazards to aquatic creature.

Mr. Shivray Kulkarni, explained Practice of creating Lord Ganesha idols from Natural Clay, an its positive environmental impact. and urged students to celebrate eco – friendly Ganesh festival by using idols made from shadu or natural clay. Students are also made Ganpati idol from Shadu. students, took an oath to Celebrate the festival in an eco-friendly manner. Avoid the use of non-biodegradable materials and synthetic colors. Promote eco-conscious celebrations in their communities. Spread awareness about the importance of environmental responsibility during festivals.

Outcome of the Programme:

- 1) Students are made aware about the pollution caused by idol prepared from plaster of paris.
- 2) Student got hands on training for making idol from clay.

Name & Contact No. of Expert : Shivray Kulkarni

Dr. Anil J. Gour Head Department Of Zoology R.D.I.K. and N.K.D. College Badnera Amravati



Couralless 351 Sapra Devidas Duradkar Bar .R .D .I .K. & .K .D. College, Bandera (Rly.) Dilip Kshiruggal Suranded Mesterm Department of Zoology Suo poly Session 2018-19 Name of Activity: Workshop on Celebration of Eco- Friendly Festivals Komal Ankush Darakar Date: - 20/09 /2018 15) Attendance Sheet Signature Name of Students 201 No. Dividenmi Mawande 17 Stankesh Randes Meshaum. Shoulkh mehan shuikh Ameer shoulkh Hadause Prostala Ripadra 18 behrasi Phatik Alwa Object 2) Nashmani Shankaran Ohame 44 Mishant Rampas J. Khande Dipali Oipali Crajanan Pampalkas 45) Lochan 2. Khandes Raninged Yoldy åθ Honell Raci 4) Roni Anwind Garbhiye ap repositivit Lande Grondane Sakchi Diirma khajutkar Radha Janzas Sonone Plande wite violan rount A BLAShade 48) fpatiksha A Bullings Ronand 7) Roshan Rajendra Bungad 19 Ashwine Bulmes 9.0. Tumsure Porja -50) Suchita P. Jumsare snehal pundlik 18104as Proja Rajendan Bhakare 15 (Many) Narnall Mitali Nazandra Cramur Ravindra 51) Nomrata for. b) Monited Narayan Nimbore Mounto D. M. Borse 2000 Proja Shrikant Pokale 8 pkale 1 cupit Swith R Bhovat Palusan Iral Kowita D P.A. sawi 2) Parrielli Anilago Sawai Twinkle Date Isolal Asmotoro Kale Nishay Granis PITIMOSON same ato promod tumsare monology Rodholker Mahul Mohini Moukor Swarks Protosh Bokde Sailadea Saile 32) Theyord V.S. Bhyot suntia phombhan Bradhe Shoulla Barnsey Kono doccelationed Sparch James MX 34) Alfiyanifanish mudeen khun Pelus-Karnteke 19) Novama Dadanas Donale Auron' SPorhubly Scanned by Scanner Go Scanned by Scanner Go Scanned by Scanner Go

1. Name of Organizing Department : **Department of Botany**

2. Name of Activity : Swachh Bharat Abhiyan

3. No. of Participants : Students- 11, Teacher- 04

4. Place of Activity : Hinglaspur and Graveyard at Badnera

5. Date of Activity : 12th January 2019

Details of Activity:

Swachh Bharat Abhiyan was engaged by Dr. S. B. Thorat at Hinglaspur and Graveyard at Badnera on 12/01/2019 to maintain aesthetic and healthy environment in the surrounding. The students played role by doing rally and shramdan in the visited premises. From the department eight students of B.Sc. I year at Graveyard, Badnera and six students of B.Sc. II year at Hinglaspur participated in the programme.

Outcome of the Programs:

- Students got aware about cleanliness and maintain aesthetic and healthy environment in the surrounding.
- Students stressed the importance of cleanliness in villagers.
- Villagers understood the humanity education and self reliance can lead to progress.

DR. SANJAY B. THORAT Head Department of Botany Bar R.D.K. & N.K.D. College Badnera





Bar .R .D .I .K. & .K .D. College, Bandera (Rly.) Department of Zoology Session 2018-19

Name of Activity: Collection of flowers and garlands offered to Godess during , Navaratri

Attendance Sheet		
Sr. No.	Name of Students	Signature
	Rahul Sanjayras Pokale	Brahat.
D >	Nisha Niseshrao Meshram	(Sahar
3)	Palak sandip polhak	polak
4)	Kajal Azunzao Kale	-Kaie.
<u>s)</u>	Samyak Vijay Khandare	(Hellaurdone
·e)	Poiya Ishwazda Ingoie.	poure
7		-Amoita
8)	Brivarna Dadarao Samula	Jene-
9)	Samiksha Diliprao Sune	Soilip
10)	Nehow Vimod Rotade	(Drese
11)	Sakihi Meglihison Hamborde -	Holin
12)	Koma sucendra meshoram	Bmorran
13]	Vaibor Nilian Goiphhige	Vousaloi
	Ashuini Santosh uke	-Faulini
167	Nisha Nileshton meshraro.	Melowa
17)	Divyalaxmi Vitthalrao Mawande	Lind
78)	Rital Kisanman Barobuddhe	Ditul
13)	Rohana Iffat Mohd Kameen Shekh	Rohano
20	rejeta Orligras Shereatkar	Vireta
21)	Ash ziga Snown Markhtur Sherman Shirks	Dunam.
	D.	

Signature of Incharge Teacher Dr. A. J. Gour

Bar .R .D .I .K. & .K .D. College, Bandera (Rly.) Department of Zoology Session 2019-20

Name of Activity

:Workshop on Wormicompost

Date: - 21 /08 /2019

Attendance Sheet

Sr. No.	Name of Participant	Signature
1	minaz paryoen shkil Ahmad skekh	Behulh
2.	Sumayya power shelch	Shak
3,		arkhan
4)	shivani shokane	5. V. Dhokan
5)	sakshi Lak	SRHUE
67	Shivani Ukada Dhokane.	GUD ha kane
	S. P. Phate	epherc,
81	guiza waghmade	phygland
9)	naya .s. Sawale	nave
(0)	Augusto khanan khan	Syeth 2
117	Maringa Nikhat	Corneys
12)	Amruta khatri	BLOT
	Paper S. Swale.	Rebuilte
14)	Renyka Nandkuman jayswal	Rower
4.1	Kapan embut Keshwani	Kabiano
161	payal Sunil Sawall	payal
[7]	Mohammad AlFaiz Mohd Atik Ahmad	
18)	Renuker Mandkrimar Tarikrial.	Denrika
191	Augester khanoum Jameel khun	Ayeste
	Achiel Dareken	Muse

Dr. Mrs. S. V. Deshmukh Head, Department of Zoology