



Vidarbha Youth Welfare Society'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<sup>++</sup> grade)  
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Prof. (Dr.) H.M. Deshmukh  
Treasurer

Mr. Y.V. Choudhary  
Secretary

Dr. R.D. Deshmukh  
Principal

Ref.No. 614/23-24

Date: 14/03/2024

## DVV Clarification For

7.1.3 Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following 1. Green audit / Environment audit 2. Energy audit 3. Clean and green campus initiatives 4. Beyond the campus environmental promotion activities.

### Document: 1

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



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Date: 14/03/2024

## 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  
Bar 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)**

**INDEX**

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

<b>Sr. No</b>	<b>Name of Document</b>	<b>Page No.</b>
1	Report of Project Undertaken in Camp (Village cleaning and Erosion Pit construction)	7-10
2	Report of Cleanness program	11-12
3	Report of Plantation Campaign	13-14
4	Report of Plantation Programme	15-16
5	Report of Clean India mission Pandharwada	17-19
6	Report of Intellectual Session on sustainable Development of Rural areas.	20-20
7	Report of Village Cleaning Project	21-25
8	Report of Water and Soil Survey	26-28
9	Report of Water Survey	29-31
10	Report of Geography Day	32-34
11	Report of Plantation and Plant Distribution Programme	35-36
12	Report of Tree Plantation Programme	37-38
13	Report of Clean India Mission Drive	39-40
14	Report of Elocution Competition (Cleanliness)	41-43

15	Report of Organic farming & Exhibition on Seed bank	44-45
16	Report of Shramsanskar Camp at Hinglaspur	46-47
17	Report of Cleanliness Activity	48-50
18	Report of Intellectual session on Unnat Bharat Abhiyan and Water conservations	51-52
19	Report of Special rural camp	53-56
20	Report of Environment Awareness through Cultural Activities during camp.	57-58
21	Report of Distributions of Cloth Bags	59-60
22	Report of One day Workshop & Training of Paper Bag Making.	61-68
23	Report of Rangoli Competition & Make Best out of waste Exhibition	67-68
24	Report of Tree Plantation Program	69-71
25	Report of Workshop on Ecofriendly Holi colour	72-74
26	Report of Distribution of Guppy fish	75-77
27	Report of Collection of flowers and garlands offered To Goddess during, Navaratri and Ganesha.	78-80
28	Report of Extension Activity on Awareness of Medicinal Plants at Village Uttamsara	81-83
29	Report of Distribution of earthen pots to students of B.Sc.	84-86
30	Report of Swachh Bharat Abhiyan (Oxygen Zone in Botanical Garden)	87-88
31	Report of Distribution of Guppy fish	89-91
32	Report of Wall Poster Activity (Save the Environment)	92-93
33	Report of Distribution of Oxygen Producing Plant	94-101
34	Report of Best from Waste	102-110
35	Report of World sparrow Day	111-112
36	Report of Workshop on Vermicompost	113-114
37	Report of Collection of flowers and garlands offered to Goddess during, Navaratri and Ganesha	115-117

38	Report of Eco- Friendly Ganpati Making Workshop	118-119
39	Report of Swachh Bharat Abhiyan	120-123
40	Report of Extension Activity at Dhaba (Distribution of medicinal plants)	124-126
41	Report of Collection of flowers and garlands offered to Goddess during, Navaratri and Ganesha.	127-128
42	Report of Guest lecture Bamboo its role in Entrepreneurship and environmental conservation	129-135
43	Report of Plantation program	136-137
44	Report of Distribution of Guppy fish (Mosquito Fish)	138-139
45	Report of Workshop on Celebration of Eco-Friendly Festivals.	140-142
46	Report of Swachh Bharat Abhiyan	143-146

# **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.

  
**Dr. S. V. Jagtap**  
Head, Department of Physics  
R.D.I.K. & K.D. College,  
Badnera-Amravati







## Water management







Time: 03-02-2023 10:31

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## नवभारत

# गाडगेबाबा के विचार विकास के लिए जरूरी

आरडीआयके कॉलेज में श्रमसंस्कार शिविर का समापन



■ अमरावती, ब्यूरो. विदर्भ युथ वेलफेअर सोसायटी द्वारा संचालित बैरिस्टर आरडीआयके व केडी महाविद्यालय के राष्ट्रीय सेवा योजना द्वारा नांदगांव खंडेश्वर तहसील के जलू 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, व्यक्तित्व विकास, स्वास्थ्य 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 मोहोड़ 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.

1. Name of Organizing Committee : **National Service scheme**
2. Name of Activity : **Cleanness program**
3. Date of Activity : **24<sup>th</sup> 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.

  
**Dr. S. V. Jagtap**  
Head, Department of Physics  
R.D.I.K. & K.D. College,  
Badnera-Amravati





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 ; **5<sup>th</sup> 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.



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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

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







Name of organizing Committee	:	<b>National Service Scheme</b>
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



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**DIRECTOR**  
 Physical Edu. & Sports  
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 BADNERA






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.



**Dr. Atul R. Patil**  
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BADNERA


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.
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**DIRECTOR**  
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BADNERA

**----- PROGRESSIVE 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 : 24<sup>th</sup> 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. Pratibha Mohol, 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)



M.B. Gathe  
(M.B. Gathe)  
HEAD  
Deptt. of Geography  
R.D.L.K. K.D. COLLEGE  
BADNEAR-AMRAVATI.





1. Name of Organising Department : **Department of Geography**
2. Name of Activity : Water Survey
3. Place of Activity : At. Siddhanathpur Tq. Nandgaon (Kh.)  
Dist. Amravati
4. No. of Participants : Students 63 Teachers 03
5. Date of activity : 29<sup>th</sup> April, 2022

### Details of Activity (In Brief):

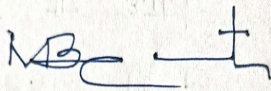
Water is very important natural gift among the many gifts given by nature to human beings. Due to scarcity of water during summer season, water has to be supplied by tankers in the district. A water survey was conducted in the village Siddhanathpur on April 29, 2022 to know the water problem of Siddhanathpur,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



  
 (M.B. Gathe)  
**HEAD**  
**Deptt. of Geography**  
**R.D.I.K. K.D. COLLEGE**  
**BADNEAR-AMRAVATI.**



आज दिनांक २९ एप्रिल, २०२२ रोजी ग्राम सिद्धनाथपूर येथे जल-सर्वेक्षक आयोगील करण्यात आले. याद्वारे बी.ए. भाग-३ भूगोल विषयाचे व्यावहारिक विद्यार्थी उपास्थित होते व त्यांनी जल-सर्वेक्षणाप्रत्ये सहभाग नोंदविला.

विद्यार्थ्यांची नावे	स्वाक्षरी
१ शिवानी टवलारे	<u>Shivani</u>
२ दिव्या चव्हाण	<u>D. V. Chauhan</u>
३ राखी टवलारे	<u>Rakhi</u>
४ सपना सवाई	<u>Sapna</u>
५ आचल खोत्रागडे	<u>Achal</u>
६ तेजास्विनी भगत	<u>Tejaswini</u>
७ शेहीनी वडुरकर	<u>Shehina</u>
८ अश्विनी काकड	<u>Ashwini</u>
९ निक्कीता साखरकर	<u>Nikita</u>
१० लक्ष्मी सैरिसे	<u>L. V. Sairise</u>
११ दिक्षा गेठाम	<u>Diksha</u>
१२ स्नेहल खडसे	<u>Snhal</u>
१३ तेजास्विनी चुडे	<u>Tejaswini</u>
१४ जान्हवी मारती	<u>Janhvi</u>
१५ नम्रता परकोर	<u>Namrata</u>
१६ मेधा राजगीरे	<u>Medha</u>
१७ समीक्षा इंगोले	<u>Samiksha</u>
१८ काजल मेधाम	<u>Kajal</u>
१९ गायत्री निंबते	<u>Gayatri</u>
२० भावना खोपडकार	<u>Bhavna</u>
२१ साक्षी ठगले	<u>Saxhi</u>
२२ आचल बनसोड	<u>Achal</u>
२३ अजीता भोसले	<u>Ajita</u>
२४ साक्षी सुने	<u>Saxhi</u>
२५ ललावती कुशावाट	<u>Lalavati</u>
२६ रक्षणा सुलताने	<u>Rakshana</u>
२७ नेहा रताळे	<u>Neha</u>
२८ गुंजन गोंडाणे	<u>Gunjan</u>
२९ वैशाली गिरी	<u>Vishali</u>
३० आभ्रपाली बगाडे	<u>Abhrali</u>
३१	



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 : 14<sup>th</sup> January, 2022

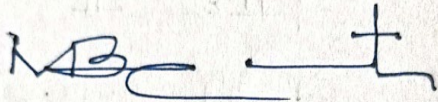
**Details of Activity (In Brief):**

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 live 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.**

Close Participants (84)

- ST Shivani Kulkarni
- S Shivanizanzad
- SR Shraddha Ramdas thakare
- SA Shrushti ajmire
- SK Snehal khadase
- TB Tejasvini Bhagat
- vaibhav Wasnik
- VK Vishal Khandare
- VP Vishal Panchare
- YI yash ingole
- AH Aarti Hirode
- R9 Redmi 9i
- VD Vaishali dhage

👇 2

Invite Mute All ...



आज दिनांक २४ मार्च, २०२३ रोजी ग्राम- जावरा या गावामध्ये जल व माती सर्वेक्षण करण्यात आले. या सर्वेक्षणापुढे बी.ए. भाग-३ या चर्गीतील व्यालील विद्यार्थी उपस्थित होते.

विद्यार्थ्याचे नाव	स्वाक्षरी
१) वैशाली सुरेश ढगे	Shage
२) सविता रमेश चव्हा	Shivare
३) अमृता गजानन पिसे	Pise
४) मीघना सुभाष पिंगळे	M.S. Pingale
५) शर्मिष्ठा सुरेश गजमिसे	Sharma
६) पुजा गजानन सावंत	Sawant
७) संतोषी संजय साखरे	S.S. Sakhare
८) सामिष्ठा संतोष खरवडे	S.S. Kharavade
९) दिक्षा विनोद बामोकार	P. Varnakar
१०) प्राजक्ता गजानन जगताप	P. Jagtap
११) अनम सरवट पेंढार	Anam
१२) टिना सुधाकर हुकरे	Tina
१३) शिवानी किशोर खड्डाड	Shivanee
१४) मेखिका विक्रम थोले	M. Thole
१५) प्रद्यूषा अशोक डडू	Pradyush
१६) अंजना निरंजन शापात	Anjana
१७) निडिना सु. वाघमारे	Nidina
१८) सानिया स. मिर्झा	S. Mirza
१९) रिनु स. गोखरे	Rinu
२०) समिक्षा स. अग्रत	S. Agrat
२१) दिक्षा स. वाघे	D. Vaghe
२२) वैशाली देवकी गोडकर	V. Godkar
२३) आशांक्षा गवई	A. Gavai
२४) शिखा धावनकर	S. Dhavankar
२५) नर्दानी राजत	N. Rajat

२६) प्राजक्ता सु. सावरकर	Sawarkar
२७) काजल सु. पंचारे	Kajal P.
२८) प्राजक्ता म. जाधव	P. M. Jadhav
२९) अमृति सु. महाव	Amriti
३०) एनमिता सु. ठोकरे	Enamita
३१) अक्षर शोभास	Akshar
३२) महेला गुरव	M. Gurav
३३) उषा गंगोकर	Usha G.
३४) भातीका पराजपे	Bhatikar
३५) आशुषिके इतार	A. Itar
३६) शोभा गोरड	Shoba G.
३७) वसुधा टपलोरे	V. T.
३८) गंगुला श. पेंढार (४६)	Gangula
३९) शारदा अशोक वरक (३४)	Sharada V.
४०) गौरव ग. खडकर (१५)	G. Khadkar
४१) वैशव ना. वसतिक (०३)	V. Vasatik

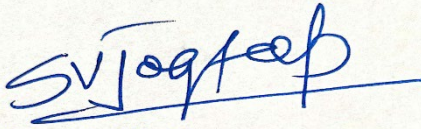
1. Name of Organizing Committee : **National Service Scheme**
2. Name of Activity : **Plantation and Plant Distribution**
3. Date of Activity :

**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.

  
**Dr. S. V. Jagtap**  
Head, Department of Physics  
R.D.I.K. & K.D. College,  
Badnera-Amravati





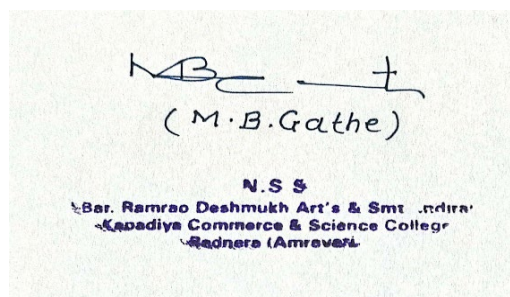
1. Name of Organizing Committee : National Service Scheme
2. Name of Activity : Tree Plantation Programme
3. Place of Activity : Modi Hospital, Badnera
4. Date of Activity : 1<sup>st</sup> July, 2019

### 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.





1. Name of Organizing Committee : **National Scheme Service**
2. Name of Activity : Clean India Mission Drive
3. Date of Activity : 15-18<sup>th</sup> August, 2019

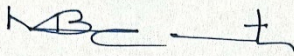
#### **Details of Activity (In Brief):**

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.



(M.B.Gathe)

N.S.S.  
Bar. Ramrao Deshmukh Art's & Smt. Indira  
Kadadiya Commerce & Science College  
Badnera (Amravati)





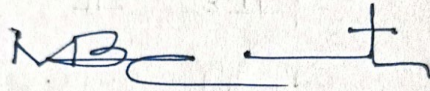
1. Name of Organising Department : **Department of Geography**
2. Name of Activity : Elocution Competition (Cleanliness)
3. No. of Participants : Students 13 Teachers 03
4. Date of activity : 20<sup>th</sup> January, 2020

#### **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.

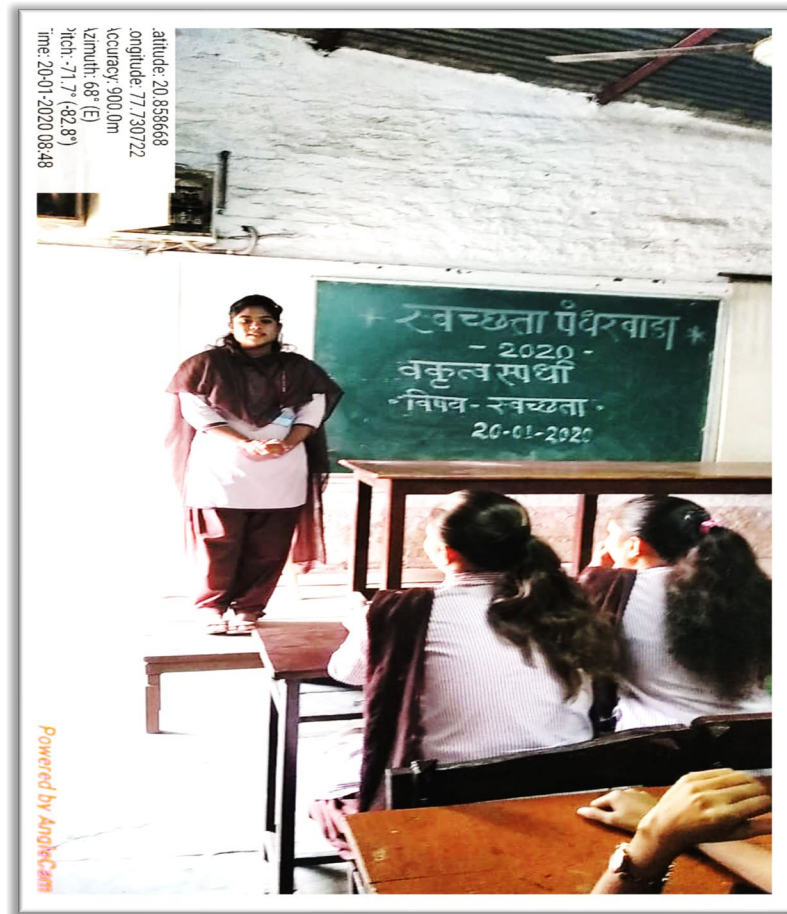
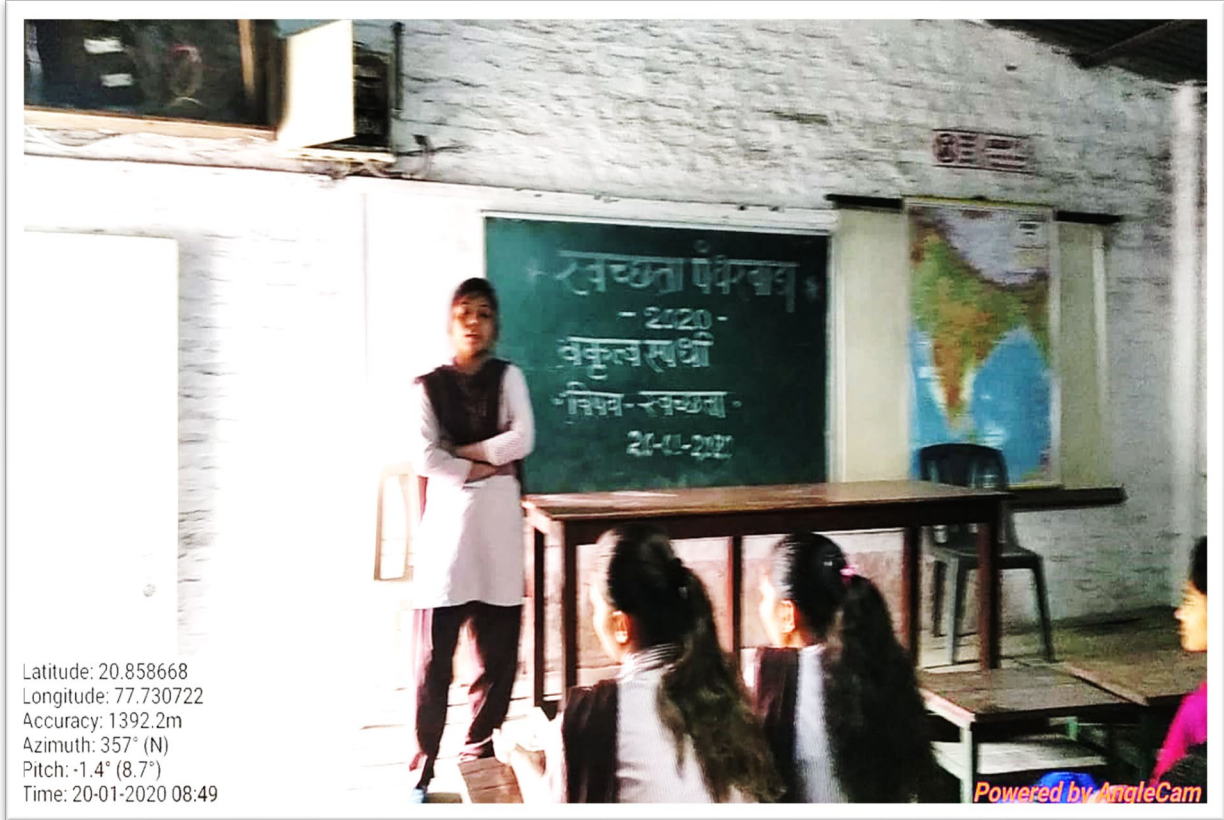
#### **Outcome of the Programme:**

- 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**  
**Dept. of Geography**  
**R.D.I.K. K.D. COLLEGE**  
**BADNEAR-AMRAVATI.**



-altitude: 20.858668  
-longitude: 77.730722  
Accuracy: 900.0m  
Azimuth: 112° (E)  
Pitch: -121.7° (-94.0°)  
Time: 20-01-2020 08:45



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- |                                  |   |  |
|----------------------------------|---|--|
| 1. Name of Organising Department | : | Home Economics                                       |
| 2. Name of Activity              | : | <b>Organic farming &amp; Exhibition on Seed bank</b> |
| 3. No. of Participants           | : | Students 38 Teachers 02 Other 01                     |
| 4. Date of Activity              | : | 8 <sup>th</sup> March, 2020                          |

**Details of Activity:**

On the occasion of International Women’s Day on 8<sup>th</sup> 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. Lata 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



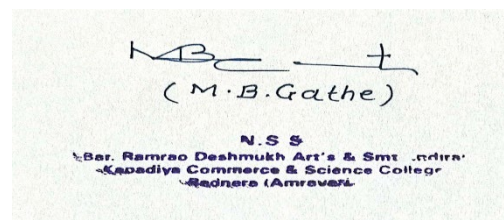
1. Name of Organizing Committee : **National Service Scheme**
2. Name of Activity : **Shrama Sanskar Camp**
3. Place of Activity : **Adapted Village, Hinglaspur**
4. Date of Activity : **23-30<sup>th</sup> January, 2020**

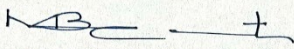
**Details of Activity (In Brief):**

NSS unit organized Shrama Sanskar 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.



  
 ( M.B.Gathe )

**N.S.S**  
 Dr. Ramrao Deshmukh Art's & Smt. Indira  
 Gadgil Commerce & Science College  
 Gadgil (Amravati)





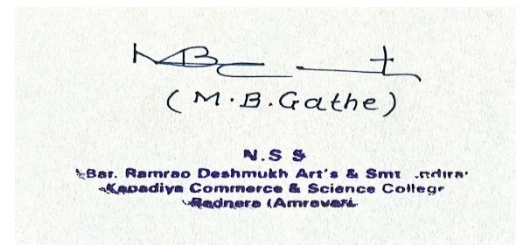
1. Name of Organizing Committee : **National Service Scheme**
2. Name of Activity : NSS camp
3. Place of Activity : Cleanness activity at Hingslaspur
4. Date of Activity : 23<sup>rd</sup> January, 2020

#### **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 Hingslaspur. Volunteers collected all the material which is required for camp and reach to Hingslaspur 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.







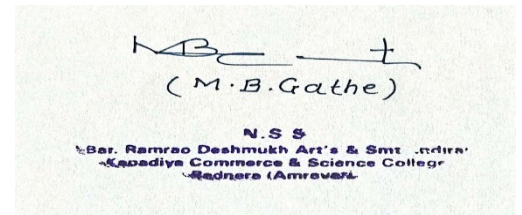
1. Name of Organizing Committee : **National Service Scheme**
2. Name of Activity : Intellectual session on Unnat Bharat Abhiyan and Water conservations
3. Place of Activity : Hinglaspur
4. Date of Activity : 27<sup>th</sup> January, 2020

**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 Khandawe. 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.





1. Name of organizing Committee : **National Service Scheme**  
2. Name of activity : Special rural camp  
3. Place of activity : Hinglaspur, Nandgaon (kh)  
4. Date of Activity : 23-30<sup>th</sup> January, 2020

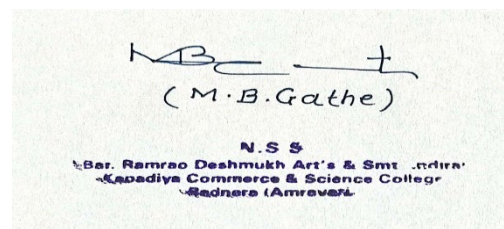
### **Details of Activity (in brief)**

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 programmes by planning and executing development project.



M.B. Gathe  
(M.B. Gathe)  
N.S.S.  
Bar. Ramrao Deshmukh Art's & Smt. ...  
Kadodiya Commerce & Science College  
Rudhara (Amravati)

## Cleanliness under clean India



## Water conservation



Latitude: 20.735951  
Longitude: 77.675211  
Elevation: 316.5m  
Accuracy: 3.8m  
Azimuth: 197° (S)  
Pitch: -0.4° (1.5°)  
Time: 30-01-2020 17:10

Powered by AngleCam





Latitude: 20.735927  
Longitude: 77.675296  
Elevation: 316.07m  
Accuracy: 3.8m  
Azimuth: 226° (SW)  
Pitch: 1.3° (1.1°)  
Time: 30-01-2020 17:11

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1. Name of Organizing Committee : **National Service scheme**
- 2.
3. Name of Activity : **Environment Awareness through Cultural Activities during camp.**
4. Place of Activity : **Hinglaspur, camp area.**
5. Date of Activity :

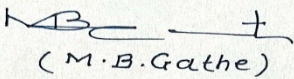
### Details of Activity (In Brief):

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 (Collective Programme) 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

  
 (M.B. Gathe)  
 N.S.S  
 Bar. Ramrao Deshmukh Art's & Smt. Jyoti  
 Kadadiya Commerce & Science College  
 Kadnera (Amreli)





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 : 7<sup>th</sup> 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 entrepreneurship skills.

  
Dr. Lata 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 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 : 15<sup>th</sup> 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



दि० ५.१०.२०१८ चैपर बैग मेफीमचे ट्रेनिंग देणांना  
सा० डॉ० अनिता एन० सोबुळे



## One Day Workshop & Training Of Paper Bag Making

Guest Speaker- Dr. ANITA SONULE

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

Date -15 OCT. 2018

Time -

Sr. No	Name of Students	Class	Signature
1.	कु. प्रवर्णा उ. मेमान	B.A. III	Prashram
2.	मिनाक्षि म. नरयेडकर	B.A. III	<del>Prashram</del>
3.	पद्मिनी ठ. पाठक	B.A. III	Dhruvake
4.	अंजली. श. छोटे	B.A. III	<del>Prashram</del>
5.	विश्वकर्म वृ. वनसोड	B.A. III	Aransod
6.	हामिनी ह. पाठक	B.A. III	<del>Prashram</del>
7.	शैविनी स. शिंदे	B.A. III	Shinde
8.	अंजली रा. छोटे	B.A. III	L.Chote
9.	Suceti Chandrakamani wasnik	B.A. II	S.Chavrik
10.	सोनाली मा पाठमार	B.A. III	Shankar
11.	जायराज Balasaheb Shinde	B.A. III	B. Shinde.
12.	<del>अ. नेह्य</del> Sanjay Shahe	B.A. II	MS. Shahe
13.	भावना श. राठोड	B.A. III	<del>Prashram</del>
14.	DUGGA JIJLAL BHALERA	B.A. II	P.Bhalera
15.	हरसात रा. चव्हाण	B.A. III	Shrinchane
16.	काजल ना. शिंदे	B.A. III	K.N. Khakate
17.	Aarpita Pravin Mahajan	B.A. III	AP. Mahajan.
18.	Namata Ashok Lale	B.A. II	N.Lale.
19.	सुलक्षणा प्रकारा सुने	B.A. II	Sune.
20.	ग्लेहा Chakradhar Sawai	B.A. III	Sc. Sawai.
21.	Nikita Sureshchao Deshmukh	B.A. III	N.S. Deshmukh.



Sr. No	Name of Students	Class	Signature
22	Sonali Bhagirthi Waghmare	B.A. III	B. Waghmare
23	Nikita Sureshwar Sambhe	B.A. II	M. Sambhe
24	Shubhangi Raju Kothekar	B.A. III	S. Kothekar
25	Dipali Haribhau Bhambhe	B.A. III	D. H. Bhambhe
26	Madhvi Ramesh Nimjat	B.A. II	M. R. Nimjat
27	Pranita Shivdas Cradekar	B.A. II	P. Cradekar
28	Damini devidasrao Kubade	B.A. II	S. Kubade
29	Rani Ravindra Cradekar	B.A. II	R. R. Cradekar
30	Swati Pralhad Chokhat	B.A. III	S. Chokhat
31	Pragati Prakash Sune	B.A. II	P. Sune
32	Nikita Dhanpalde Bhole	B.A. III	N. Bhole
33	Dnyaneshwari Haridas Pathe	B.A. III	D. Pathe
34	Nandini Kulpat Shende	B.A. III	N. Shende
35	Gunam Suresh Sheungise	B.A. III	G. Sheungise
36	Roshni Someshwar Maive	B.A. III	R. S. Maive
37	Ashwini Dada Pawar	B.A. II	A. Pawar
38	Anshwini Bhimrao Granvi	B.A. III	A. Granvi
39	Namrata Sahas Nesharam	B.A. II	N. Nesharam
40	Sneha Ramhari Chokhat	B.A. III	S. Chokhat
41	Peiya Vidhyadhar Rithe	B.A. III	P. Rithe
42	Peiya Diliprao Patpate	B.A. III	P. Patpate
43	Anika Haribhau Kohale	B.A. II	A. Kohale
44	Shivani Dipak Nimjat	B.A. II	S. Nimjat
45	Gravei Suresh Cradekar	B.A. II	G. S. Cradekar
46	Supriya Divyadasrao Dhore	B.A. II	S. Dhore
47	Shantika Ramkishor Wale	B.A. II	S. Wale

No	Name of Students	Class	Signature
48	Dipali P. Mabe.	B.A II	P. mabe.
49	Siddhant S. Kumbharwar.	B.A I	S. Kumbharwar.
50	डिपली डी. मडे.	B.A II	D. mabe.
51	yogesh W. Khabargade.	B.A II	y. W. Khabargade.
52	Manik G. Barmalkar.	B.A II	M. G. Barmalkar.
53	sanjivani S. chavhan	B.A II	S. chavhan.
54	Ashishke N. chavhan	B.A II	A. chavhan.
55	Pragati P. Satpute.	B.A II	P. P. Satpute.
56	Akash D. Dhokale.	B.A II	A. Dhokale.
57	Dipali Ravindra Kumbale.	B.A II	D. Kumbale.
58	Pooshke P. Meshram.	B.A II	P. Meshram.
59	VRUSHALI S. DOROKAR.	B.A III	V S. Dorokar.
60	अश्विनी डी. कवडे	B.A II	A. Kumbale.
61	Aditi Dilip Khoshe	B.A III	A. Khoshe.
62	Prachin P. Sune.	B.A II	P. P. Sune.
63	Gayatri S. Meshram.	B.A II	G. S. Meshram.
64	अश्विनी डी. कवडे	B.A II	B. G. Kumbale.
65	Shivani G. Mete.	B.A II	S. G. Mete.
66	Samit P. Patangray	B.A III	S. Patangray.
67	prachi B. Jadhav	B.A III	P. B. Jadhav.
68	Gayatri Vi. Sagne.	B.com-I	G. Sagne.
69	Sapna A. Dhage.	B.A-I	S. Dhage.
70	Akash V. Kumbharwar.	B.A III	A. V. Kumbharwar.
71	Yash D. Chawase	B.com I	Y. Chawase.
72	अश्विनी डी. कवडे	B.A III	M. Dhoke.
73	Shubham V. Dorokar.	B.A III	S. V. Dorokar.
74	shivani G. mete	B.A II	G. Mete.
75	Ashitosh M. Kumbharwar	B.A I	A. Kumbharwar.

Sr.No	Name of Students	Class	Signature
76	Sakshi S. wasnik	B.com I	S. Wasnik
77	Shreeraj W. Vyaykhan	B.com I	S. Vyaykhan
78	Yashika S. Dharmje	B.com III	Y.S. Dharmje
79	Shubham S. Zaveri	B.com III	S. Zaveri
80	Kalpna R. Loh.	B.com III	K.R. Loh.
81	Kamal P. sakhare	B.A I	K.P. Sakhare
82	Vivek P sunil Thakare	B.com I	V.S. Thakare
83	Gautami S. Mundhase	B.com I	G. Mundhase
84	Pooja M. Dhake	B.com I	P. Dhake
85	Anish S khape	M.sc. II	A.S. Khape
86	Minal S. Belsare	M.sc. II	M. Belsare
87	Akash G. Kumbale	B.A I	A. Kumbale
88	Pratik V. Dongare	B.A II	P. Dongare
89	Rasika S mete	B.A II	R.S. mete
90	Mahesh V. Paspalkar	B.com I	M.V. Paspalkar
91	Sudaksh D. Jawanjale	B.A II	S.D. Jawanjale
92	Pooja R. Ingle	B.com I	P. Ingle
93	Pratik V. Dongare	B.A II	P. Dongare
94	Nikita R. Raut	B.A III	N. Raut

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 : 25<sup>th</sup> 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. 1<sup>st</sup> 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. Lata 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 : 12<sup>th</sup> 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

( Session - 2018-2019

B.A. - I रीगोली स्पर्धा व कंपन्यातून काढा

- 1) कु. पुर्णा सुभाष आंबेकर - कु. सु. आंबेकर 25/02/2019
- 2) कु. आशी ज्ञानेश्वर उगले - S.O. पुजेरे 12502-2019
- 3) कु. भावीका नारायण चोपडे ~~Chopde~~
- 4) कु. निकिता प्रमोद सोनडके ~~Sontake~~
- 5) कु. कोमल गजानन वर्डे K. Barnole
- 6) कु. निकिता प्रभाकर चोपडे ~~Chopde~~
- 7) कु. पुजा लक्ष्मण देशमुख ~~Deshmukh~~
- 8) कु. हिरीक ~~हिरीक~~
- 9) कु. तेजस्वीनी कुडे ~~Chopde~~
- 10) कु. प्रिती वाकुभाऊ पोळेकर ~~Polekar~~
- 11) कु. निखिता रामेश्वर बोडोकर ~~R. R. Bhandarkar~~
- 12) कु. मोनीका साहेबराव कुडे M. S. Kude
- 13) कु. मृदला ज्ञानेश्वर दामोदर ~~Bhandarkar~~
- 14) कु. नंहीनी राजेंद्र राऊत ~~Raut~~
- 15) कु. लालावती परमेश्वर कुशावाह ~~Kushavaha~~
- 16) कु. शायली नारायण निर्वत ~~Nirvat~~
- 17) कु. दिशल मुक्ताय गाडगे ~~Hiwal. A. Gadge~~
- 18) कु. जान्हवी अनिल भारती ~~Hi~~
- 19) कु. दिम्पल ज्ञानेश्वरराव मलवार ~~Malwar~~
- 20) कु. प्रियंका सतीश सदार ~~Sadar~~
- 21) कु. मेघा सुनिलराव राजबिरे ~~Rajbire~~
- 22) कु. पल्लवी ज्ञानेश्वर ठाले - ~~Thale~~
- 23) कु. रंजना संजय फावरीया - ~~Favariya~~
- 24) कु. आरती विजय सुलताने ~~Sultan~~
- 25) कु. शिवानी निलेशराव टुवाणारे ~~Tuvanare~~
- 26) कु. सपना दिपकराव सुवाडे - ~~Suwa~~
- 27) कु. पल्लवी रविंद्र चव्हे ~~Chavhe~~
- 28) कु. रुपाली गणेश मरोडे ~~Rupali G.M.~~
- 29) कु. भावना बाळ खोपकार ~~B. B. Khoparkar~~
- 30) कु. विनिता विष्णु चपूरे ~~Chavure~~
- 31) कु. आयल सुखा खोसागडे ~~Ashokgude~~
- 32) कु. शांती अशोक शुन ~~S. A. Sun~~
- 33) कु. प्रमोदीना नारायण गजवरे - ~~Gajare~~



1. Name of Organising Department : ZOOLOGY
2. Name of Activity : “Workshop on Ecofriendly Holi colour”
3. No. of Participants : Students – 125, Teachers -02 Other -02
4. Date of Activity : 3<sup>rd</sup> March, 2023

#### **Details of the Activity:**

Department of Zoology organized a Workshop on **3<sup>rd</sup> 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 available material, 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:**

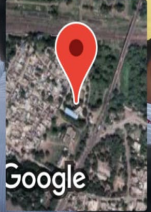
1. The event successfully raised awareness about the adverse effects of chemical-based Holi colours, prompting a shift towards eco-friendly alternatives.
2. Students acquired practical skills in creating natural colours, fostering a sense of empowerment in adopting sustainable practices.
- 3) Students 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



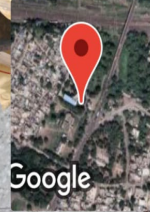
GPS Map Camera



Amravati, Maharashtra, India  
VP4G+GWX, Badnera Rd, Nai Basti, Amravati,  
Maharashtra 444701, India  
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Long 77.72728°  
03/03/23 11:01 AM GMT +05:30



GPS Map Camera



Amravati, Maharashtra, India  
New Town, Badnera-Amravati, VP4G+GWQ, Nai  
Basti, Amravati, Maharashtra 444701, India  
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Long 77.727456°  
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GPS Map Camera



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Maharashtra 444701, India  
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Long 77.727281°  
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GPS Map Camera



Amravati, Maharashtra, India  
VP4G+GWX, Badnera Rd, Nai Basti, Amravati,  
Maharashtra 444701, India  
Lat 20.856366°  
Long 77.727256°  
03/03/23 11:43 AM GMT +05:30

Bar. Ramrao Deshmukh Arts, Smt. Indiraji Kapadiya Commerce & Nyay. K. Krishnarao 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
1)	Vidhanu Bhosme	B.Sc.I	[Signature]
2)	Muhammad Aliwan	B.Sc.I	[Signature]
3)	Mohammed Saad	B.Sc.II	[Signature]
4)	Azharun Tawheed	B.Sc.II	[Signature]
5)	Pratik B. Sawase	B.Sc.I	[Signature]
6)	Adeeba Shahejadi	B.Sc.II	[Signature]
7)	Simran Meera	B.Sc.II	[Signature]
8)	Jayesh Anjum	B.Sc.II	[Signature]
9)	Shumaila Arham	B.Sc.II	[Signature]
10)	Adeeba Anam	B.Sc.II	[Signature]
11)	Pranjul Dolhani	B.Sc.I	[Signature]
12)	Shreyas Meshram	B.Sc.II	[Signature]
13)	Prouchi Meharsare	B.Sc.II	[Signature]
14)	Sakshi Pawar	B.Sc.II	[Signature]
15)	Kirti D. Salunke	B.A.I	[Signature]
16)	Nikita S. Khandogre	B.A.I	[Signature]
17)	Kalyani S. Rawt	B.A.I	[Signature]

18)	Anam Javeriyo	B.Sc.I	[Signature]
19)	Madha Sahre	B.Sc.I	[Signature]
20)	Jayash Anam	B.Sc.I	[Signature]
21)	Leela Jivan	B.Sc.I	[Signature]
22)	Mansi Mukun Apur Khan	B.Sc.I	[Signature]
23)	Khushi Aatrin	B.Sc.I	[Signature]
24)	Anam Apin	B.Sc.I	[Signature]
25)	Sarali Adaru	B.Sc.I	[Signature]
26)	Jasminia Mangya	B.Sc.I	[Signature]
27)	Sanya Tribat	B.Sc.I	[Signature]
28)	Ananya Kalkhair	B.Sc.I	[Signature]
29)	Pratiksha Wath	B.A.I	[Signature]
30)	Mansuri Dorge	B.Sc.II	[Signature]
31)	Joshika Chandekar	B.A.II	[Signature]
32)	Sakshi Wanye	B.Sc.II	[Signature]
33)	Sakshi Mithale	B.Sc.II	[Signature]
34)	Vaidhavi Mehare	B.Sc.I	[Signature]
35)	Ghayatri K. Ambare	B.Sc.I	[Signature]
36)	Tijashvi Thakre	B.Sc.I	[Signature]
37)	Sukeshani S. Malhotra	B.Sc.I	[Signature]
38)	Prerana Bhargava	B.Sc.I	[Signature]
39)	Rishika A. Mawale	B.Sc.I	[Signature]
40)	Sabina Khatun	B.Sc.I	[Signature]
41)	Munazza Fatema	B.Sc.I	[Signature]

42)	Abhishek Pawar	B.Sc.I	[Signature]
43)	Mayur Ashodeswar	B.Sc.I	[Signature]
44)	Tarun K. Shaikh	B.Sc.II	[Signature]
45)	Gunjan M. Sultane	B.Sc.I	[Signature]
46)	Ghayatri Mawale	B.Sc.I	[Signature]
47)	Zoyeba Aman	B.Sc.I	[Signature]
48)	Chetana Parne	B.Sc.I	[Signature]
49)	Maha Akhmesh Desani	B.Sc.I	[Signature]
50)	Nashim Khan Anam Khan	B.Sc.I	[Signature]
51)	Huzefa Nahan	B.Sc.I	[Signature]

1. Name of Organising Department : ZOOLOGY
2. Name of Activity : Distribution of Guppy fish (Mosquito Fish)
3. No. of Participants : Students- 10, Teachers-02, Other-03
4. Date of Activity : 30<sup>th</sup> November, 2022

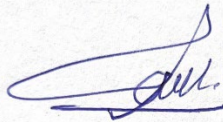
#### **Details of Activity (In Brief)**

*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.

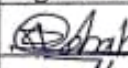
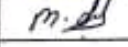

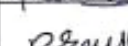
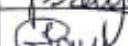
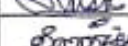
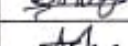



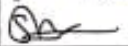
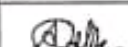

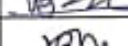
Department of Zoology

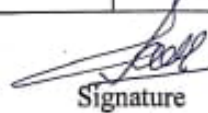
Session 2022-23

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

Date :- 30 /11/2022

### Attendance Sheet

Sr. No.	Name of Students	Class	Signature
1)	Aziyem Tauheed	BSC II	
2)	Mohammad Saad	BSC-II	
3)	sakshi Pawar	BSC II	
4)	Pranjul Dulhemi	BSC-II	
5)	Jayesh Anjum	B.Sc II	
6)	Sionman Mirza	B.sc II	
7)	Adeeba Shahzadi	Bsc II	
8)	Shumaila Arham	B.Sc II	
9)	Prachi k. mehwate	BSC II	
10)	Bhreya Meshram	BSC II	
11)	Adeeba Aman	B.sc II	
12)	Pratik B. Saisise	BSC II	
13)	Vaibhav Bhasme	B.SCI	
14)	Mohammad Ausaaf	B.SCI	
15)	Nikita S Khandare		N.S.Khandare
16)	Kirti D. Solanke		Kirti Solanke



Signature

Head, Department of Zoology

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 – 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 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. 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.

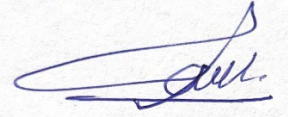
Vermicomposting: The organic waste, primarily consisting of flowers and garlands, was then used as feed for a vermicomposting setup.

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 eco-friendly 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 : 13<sup>th</sup>March 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*.

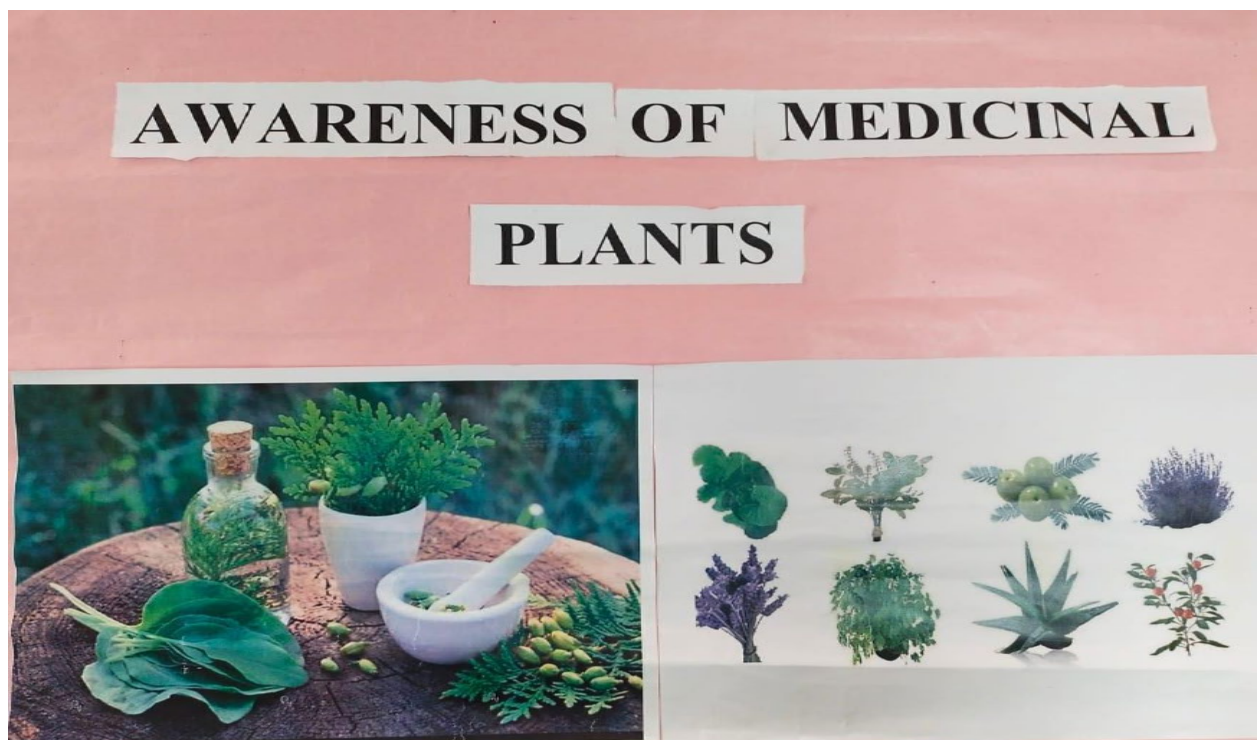
- 1) *Rauwolfia serpentina*: The root of the plant is used in to a powder form or sold in tablets. It is snake like in appearance which is used to treat snake like in appearance which is used to treat snake bites, insomnia, high blood pressure and mental illness.
- 2) *Withania somnifera*: commonly known as Ashagandha or winter cherry students informed the medicinal properties of *Withania somnifera*. It is used in anxiety, cancer, microbial infection, and immune modulation and neurodegenerative disorders.
- 3) *Cathranthus 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

  
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Badnera





  
**DR. SANJAY B. THORAT**  
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 Bar R.D.I.K. & N.K.D. College  
 Badnera

1. Name of Organising Department : ZOOLOGY
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 : 20<sup>th</sup> March, 2022

#### **Details of Activity (In Brief):**


World Sparrow Day, celebrated annually on **March 20<sup>th</sup>** 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 Patil explained 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.



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Bar .R .D .I .K. & .K .D. College, Bandera (Rly.)  
Department of Zoology  
Session 2021-22

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

Date :-21/03/2022

Attendance Sheet

Sr. No.	Name of Students	Signature
①	Jayesha Anjum	Jayesha
②	Adiba Anjum	Adiba
③	Shumalla Arham	Shumalla
4)	Shiba Rebecca	Shiba
5)	Smreya G. Meshram	Smreya G. Meshram
6)	Prachi Mehasare	Prachi Mehasare
7)	Ashwini Bhoge	Ashwini Bhoge
8)	Rinku S. Sontake	Rinku S. Sontake
9)	Pranjal R. Dulhemi	Pranjal R. Dulhemi
10)	Adeeba Anam	Adeeba
11)	Pratik B. Saisise	Pratik B. Saisise
12)	Aziyan Tauheed	Aziyan Tauheed
13)	Mohammad Saad	Mohammad Saad
14)	Haresh .P. Khobragade	Haresh .P. Khobragade

  
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 : 1<sup>st</sup> 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.
- 



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





Time: 01-04-2022 10:21

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Time: 01-04-2022 10:21

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1. Name of Organising Department : ZOOLOGY
2. Name of Activity : Distribution of Guppy fish (Mosquito Fish)
3. No. of Participants : Students- 10, Teachers-02, Other-03
4. Date of Activity : 25<sup>th</sup> 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**  
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Bar.R.D.I.K. & .K.D. College, Bandera (Rly.)

Department of Zoology

Session 2021-22

Name of Activity : Distribution of Guppy fish

Date :- 25/03/2022

Attendance Sheet

Sr. No.	Name of Students	Signature
1	Rinku Subhash Santakke	B Santakke
2	Prachi kumalakar Mehaware	B Prachi
3	Shumaila A Mohammad M	S.M.
4	Chhaya Di Kulkarni	C Chhaya
5	Arijan Tanbeeraj K. Shah	Arijan
6	Balraj G. Pawar	B.Pawar
7	Pratik B. Sainje	P.Sainje
8	Jayesh Khan	J.Khan
9	Prachi Mehaware	P.Mehaware
10	Ashwini V. Borge	A.V.Borge
11	Shreya G. Mesram.	S.G.Mesram
12	Shibi Raheem	S.Raheem
13	P. D. Thakare	P.D.Thakare
14	Atish Karam Ansal K	A.K.

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

15	Mohammad Danish	M.Danish
20	Vaishnavi S. Dhane	Vaishnavi
21	Suchitil B. Tumsare	Tumsare
22	Namrata Phamad Tumsare	Namrata
23	Prathu J. Sopant	P.J.Sopant
24	Namrata . R. Vaidya	N.R.Vaidya
25	P. R. Bhakare	P.R.Bhakare
26	Puja Gouram Raut	P.G.Raut
27	Leenu D. Duxudkar	L.D.Duxudkar
28	Devakshar N.G. Ahmadi	D.N.Ahmad
29	Shantana Vinodkar Deshmukh.	S.V.Deshmukh
30	Twinkal Dattar	T.Dattar

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

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 : 12<sup>th</sup> 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 Botany  
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 : Belora Village
5. Date of Activity : 27<sup>th</sup> 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) Peepal tree 6) Areca palm plant 7) 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:** *Dyopsis 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**  
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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
1	BSC-I	Peatik Balu sciense	Bsciiise
2	B.Sc-I	Harsh Pramod khobragode	Hkxobragode
3	B.S.C.I	Aziyan Touheed Sheth	Asheth
4	B.S.C.I	Pawan Ghate	PkGhate
5	B.S.C.I	salman kham	Salman
6	B.Sc I	Adeeba Shahzadi	Ash.
7	B.Sc-I	Adeeba Anam M. Zakir	Adeeba
8	B.Sc I	Simran Murga	Simran
9	B.Sc I	Jaysha Anjum	Jaysha
10	B.Sc.I	Sneha M. Raut	Sneha
11	B.S.C.I	Ashwini v. Bhoge	Ashwini
12	B.S.C.I	Jagruhi S. Sonone	Jagruhi
13	B.S.C.I	Rinku S Santake	R Santake
14			
15			
16			
17			
18			
19			

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


**Extension Activity Program**  
AT: Belora, Ta. Nadhgao Khandeshwar, Dist Amravati.

**Session: -21-22**

**Attendance Sheet**

**Date: - 27/04/22**


Sr. NO	Class	Name of Students	Signature
1	B.Sc II	Aarpit Gaganan Thakore	A.Thakore
2	B.Sc I	Pratik Baly Sairise	Pratik
3	B.Sc II	Isnam Sahaz fatima	Isnam
4	B.Sc II	Laiba Ifat	Ifat
5	B.Sc II	paaja Vinodrao Chondekar	Chondekar
6	B.Sc II	Tejaswini Ashokrao Dhepe	Dhepe
7	B.Sc II	Sakshi Gaganan Molage	Molage
8	B.Sc II	monali G. Dhore	Dhore
9	B.Sc II	sakshi S. Dhore	Dhore
10	B.Sc II	Nikita S. Dhore	Dhore
11	B.Sc II	Teresa Dandge	Dandge
12	B.Sc II	Anam Zareer	Zareer
13	B.Sc II	Tanisha Bansal.	Bansal
14	B.Sc II	Asma sadaf.	Asma
15	B.Sc II	Tanvi S. Kangle	Kangle
16	B.Sc II	Rodha V. Bhende	Bhende
17	B.Sc II	Madiya Naj Sheikh Anis	Madiya
18	B.Sc I	Sneha M. Raut	Raut
19	B.Sc I	Iku. Ashwini v. Bhoge	Bhoge

  
**DR. SANJAY B. THORAT**  
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Bar R.D.I.K. & N.K.D. College  
Badnera

Bar .R .D .I .K. & .K .D College, Bandera (Rly)  
**Department of Botany**  
 Extension Activity at village Belora 2021-2022

Date:-27/04/2022

S.No	Villagers Name	Sign
1	M.Schavhanari	M.Schavhanari
2	Sudha Mokhale	Sudha M.
3	Vaishali Joshi	वैशाली जोशी
4	Balu A. Sawai	B.Sawai
5	Vaishali D. Sawai	वैशाली ड.सावई
6	Dipak A. Sawai	D.Sawai
7	Savita D. Sawai	S.D.Sawai
8	Mala B. Sawai	माला बी. सावई
9	दिनीता डंगोल	दिनीता डंगोल
10	Devanand Sawai	P.Sawai
11	Dipak Lonare	Dipak Lonare
12	Meena A. Sardar	M.Sardar
13	Pingla V. Jashi	पिंगला जोशी
14	Sunanda Wankhade	सुनंदा वानखडे
15	Pravin Wankhade	P.Wankhade
16	Bharat Javonjal	B.Javonjal
17	Rekha Sawai	रेखा सावई
18	सुधीता सावई	S.P.Sawai
19	सुषमा सावई	S.N.Sawai
20	Gajanan Bhagat	G.Bhagat
21	Shasad Sawai	S.Sawai
22	Gajanan Dhavane	G.Dhavane
23	Gautam Sawai	गौतम
24	Sharda Bhagat	शारदा भगत
25	Sagar Sawai	S.Sawai

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


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, pharmacol 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.



Head  
Dept. Of Chemistry  
Bar.RDIK & NKD College,  
Badnera (Rly.)

## Best from Waste







Date :- 27-1-2020

T=23

T=122

PAGE NO.  
DATE

## Bsc I year

- 1] Husna AARA MOHD HAROON Husna
- 2] Munazza Afreen
- 3] Nawed Ali
- 4] Rahil Chaudhary
- 5] Mohammad Alfaiz [flower base, flower basket, lamp decorate]
- 6] Sumayya Sheikh Shiya
- 7] Dhanshi Dakhole Relakshole
- 8] Punam Sonane P. Sonane
- 9] Tanuja Chore T. Ch.
- 10] Priya Keshwani P. Keshwani
- 11] Vaishali Rangari
- 12] Ku. Shivani Dhore S.P. Dhore.
- 13] Ku. Mayuri Darokar M. Darokar
- 14] Sabiha Anjum S. Anjum
- 15] Minaz Shakil Shaikh
- 16] Shrutika Wasule S. Wasule
- 17] Madhavi Tikhile M. Tikhile
- 18] Pallavi Giri (CBZ) Bsc
- 19] Kamini Dhore
- 20] Payal Sawale P. Sawale
- 21] ~~Sabiha Anjum (CBZ)~~ S. Anjum
- 22] Anel Ramteke A. Ramteke.
- 23] T

CLASS : BSC II YEAR.

Date  
PAGE NO.  
DATE 27/01/20

name of student.

- 1) Ku. Rohana Iffar. mohd Zameer Bakura
- 2) Ku. Manisha S. Patkar Patkar
- 3) Ku. Shiwani S. Kausar Kausar
- 4) Ku. Iqra Tanzeel M. Naimuddin Iqra
- 5) Ku. Vaishnavi Dhore Dhore
- 6) Ku. Shiwani P. Deshmukh S.P. Deshmukh
- 7) Ku. Kalyani Ladke Ladke
- 8) Ku. Aafreen Kausar Kausar
- 9) Ku. Tesalvini R. Deshmukh
- 10) Ku. Pallavi Ughale Ughale
- 11) Ku. Vrushali Padar Padar
- 12) Ku. Manika Nimbark Nimbark
- 13) Yash Pette Pette
- 14) Anjum Parveen Parveen
- 15) Manika Nimbark
- 16) Hemant Gosavi - 3 Gosavi
- 17) Rumma Nasiruddin Sheikh Sheikh
- 18) Komal Subendra Meshram Meshram
- 19) Ashmira Talat Talat
- 20) pooja R. Bhakare - Bhakare
- 21) Pallavi Giri Giri
- 22) Sakshi Turak Turak
- 23) Muskan Anam A. Rale Muskan
- 24) Zubiya Aafreen Asishad Khan Zubiya
- 25) Ashifa Anam Muhtasir Ahmad Anam
- 26) Vaishnavi Arun Ghonade Ghonade

B.Sc. III year

PAGE NO.  
DATE

- 1) Ku. Aachal D. Guthane Guthane
- 2) Vaishnavi Dhane Dhane
- 3) Ashlesha Jadhav Jadhav
- 4) Harshada Kishor Chansal
- 5) Pnatiksha Bhagwan Bhojare
- 6) Ku. Pranay Ramkrushna Patkar Patkar
- 7) Ashwini V. Balinge Balinge
- 8) Tanvi P. Khondar
- 9) Ku. Monali R. Ugle Ugle
- 10) Rupali V. Pokale Pokale
- 11) Ku. Rupam A. Gada Gada
- 12) Punam Vijayrao Chambal Chambal
- 13) Uzma Saiyyad Saiyyad

B.Sc III. year

PAGE NO.  
DATE

Ku. Aachal D. Guthane Akhane

Vaishnavi Dhane V. Dhane

Ashlesha Jadhav Ashlesha

Harshada Kishor Chansal.

Pratiksha Bhagwan Bhojar

Ku. <sup>Pearju</sup> Pranay Ramkrushna Patil Patil

Ashwini V. Balinge Balinge

Tanvi P. Khondar

Ku. Monali R. Ugle Ugle

Rupali V. Pokale Pokale

Ku. Rupam A. Gardi Rupam

Punam Vijayrao Chambal Chambal

Uzma Saiyyad Uzma

PAGE NO.  
DATE

17) Ankita R. Chawane A. Chawane

18) Namrata Vaidya N. Vaidya

19) Tejaswini P. Londe T. Londe

20) Tanuja Prusty T. Prusty

21) Saylee V. Dhawar S. Dhawar

22) Diksha Mohod D. Mohod

23) Ashmina Talat

24) Samiksha S. Mehare S. Mehare

25) Piyush S. Chawale P. Chawale

26) Vrushali K. Datin V. Datin

27) Angali V. Puri A. Puri

28) Radha J. Sonone R. Sonone

29) Twinkal Datin

30) Pooja Bhakare P. Bhakare

31) Pragati D. Wankhane P. Wankhane

32) Appannaj Kakane

33) Namrata Tumbare N. Tumbare

34) Darshana Manke

35) Darakhsha Alahid

36) Pratiksha S. Yeotkar P. Yeotkar


37) Pragati Range P. Range


- 1) Ku. Krunali M. Makode ✓
- 2) Ku. Minal S. Belsonare - 2 ✓ Mahalle
- 3) Ankita K. Gulhare - 2 ✓ Mahalle
- 4) Nisha R. Chaturkar ✓
- 5) Pranali P. Gomatwar ✓ Ph
- 6) Kalyani R. Kubade Kubade
- 7) Pranali A. Kale ✓
- 8) Nikita R. Hedau Mahalle
- 9) Anruta D. Wankhade - 2 Kubade
- 10) Sakshi V. Bankar
- 11) Shubham R. Changale Ph
- 12) Punam H. Thare - 2 ✓ Ph
- 13) Ashwini P. Khadse - 2 ✓ Ph
- 14) Pooja R. Mahore ✓
- 15) Shubhangi S. Deshmukh Kubade
- 16) Bhushan D. Kale Ph
- 17) Monika A. G. Ghatge

- 1) Ku. Vaishnavi P. Ingole ✓ V.P. Ingole
- 2) Snehal S. Mahalle ✓ Mahalle
- 3) Samzin Shah ✓ SSB
- 4) Shradha P. Lunge - 2 ✓ Ph (1)
- 5) Nikita Mehare ✓ Ph
- 6) Bhagyashri Fortade ✓ Bhargavi
- 7) Apurva V. Ganwade ✓ Ganwade
- 8) Ankita D. Ganjare ✓ Ph
- 9) Vaishnavi Maradkar ✓ Ph
- 10) Tausif Altaf Mohammad ✓ Tausif
- 11) Sameer Khan Hafez Khan ✓ Ph
- 12) Rasika N Pawar ✓ R.N. Pawar
- 13) Reshma S. Hole ✓ Ph
- 14) Gaurav Gulhare ✓ Ph
- 15) A. Ajinkya Deshpande ✓ Ph

Bar.RDIK & NKD College, Badnera  
 Induction Activity 20.....20.....  
**Best From Waste**


- Name of participant : Anjum parveen Ayub Khan
- Class : B.Sc. II (Sem. IV)
- Name of Model : Flower pot
- Material Used : bottle, thread, fevicol

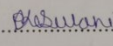
5. Photograph : 

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Bar.RDIK & NKD College, Badnera  
 Induction Activity 20.....20.....  
**Best From Waste**


- Name of participant : Pooja Rupchand Besani
- Class : B.Sc. 1st year (B: 2 group)
- Name of Model : Pen Stand
- Material Used : waste ice sticks, fevicol


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Bar.RDIK & NKD College, Badnera  
 Induction Activity 2020-2021  
**Best From Waste**


- Name of participant : K.V. Anjali N. Puri
- Class : B.Sc. III Sem IV
- Name of Model : News paper Home
- Material Used : News paper, fevicol


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Bar.RDIK & NKD College, Badnera  
 Induction Activity 20.....20.....  
**Best From Waste**

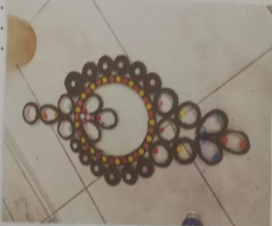
- Name of participant : Yash D. Patil
- Class : B.Sc. 1st year III
- Name of Model : Wall piece
- Material Used : Pen work, Paper, thread, stone, water, calora, calora, less


5. Photograph : 

6. Sign : 

Bar.RDIK & NKD College, Badnera  
 Induction Activity 20.....20.....  
**Best From Waste**


- Name of participant : K.V. Rupali Vijayrao Pokale
- Class : B.Sc. III Sem IV
- Name of Model : Paper wall hanging
- Material Used : News paper, black, calora, fevicol


5. Photograph : 

6. Sign : 

Bar.RDIK & NKD College, Badnera  
 Induction Activity 20.....20.....  
**Best From Waste**

- Name of participant : Pranali Pratul Gorantwar
- Class : M.Sc. 1st year
- Name of Model : shoes
- Material Used : Jeans pants, Glue gun, Waste shoe, Sale

5. Photograph : 

6. Sign : 



1. Name of Organizing Department : ZOOLOGY
2. Name of Activity : **World sparrow Day on 20<sup>th</sup> March**
3. No. of Participants : Students -17, Teachers-03
4. Date of Activity : 20<sup>th</sup> March, 2020


### Details of Activity (In Brief)

World Sparrow Day was celebrated annually on 20<sup>th</sup> March 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 20<sup>th</sup> March

Attendance Sheet

Sr. No.	Name of Students	Signature
1)	Vaishnavi Shantaraso Dhane	
2	Suchita Tumsare	
3)	Namrata Tumsare	
4)	Rachha Sonora	
5)	Namrata Vaidya	
6)	Pooja Bhakare	
7)	Lochan Khandat	
8)	Jannuqa Peusaty	
9)	Pooja polcate	
10)	Komal R. Bisdar	
11)	priya Anil Thorare.	
12)	Ashlasha v. Jadhav	
13)	Puja Goutam Raut	
14)	Ajreen Ahmad	
15)	Shantanu V. Deshmukh	
16)	Payal Sonil Sawale	
17)	Neha Santay khede	

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 : 21<sup>st</sup> 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. Resource 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 in vermicompost 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 vermicompost Bed, 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 : 5<sup>th</sup> 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 eco-friendly 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.J.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: Collection of flowers and garlands offered to Goddess during  
, Navaratri

Date:- 05/10/2019

Attendance Sheet

Sr. No.	Name of Students	Signature
1.	Manasa Parvati	Manasa
2	Sumayya Shekhi	Shekhi
3	Naziya Khamam	Naziya
4)	Kanchan Sudhakar Rathod	Kanchan
5	Meenal Shaligram Pawar	Meenal
6)	Shivani Ukanda Dhokane	Shivani
7	Shivani Sanghapal Khandekar	Shivani
8)	Shubhanji v. Sable	Shubhanji
9)	Mayuri Ratan Jaisankar	Mayuri
10)	vaishnavi Mahadeorao Ghode	Vaishnavi
11)	Mayuri Kishor Dorolkar	Mayuri
12)	Shivani Pradip Dhore	Shivani
13)	Rutika Sanjay Kharbadkar	Rutika
14)	Neha Sanjay Khad	Neha
15)	payal Sunil Jaisale	payal
16)	Aarusha Khavoo Jaimal Khav	Aarusha
17)	Tayyaba Isam Bashir Ahmad.	Tayyaba
18)	pallavi Ramrao Arekar	Pallavi
19)	Rutika Sanjay Kharbadkar	Rutika
20)	vaishali mahendra Rangari	Vaishali

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 Activitiy : 20<sup>th</sup> September, 2018


#### **Details of Activity (In Brief)**

**On 20<sup>th</sup> 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 : 15<sup>th</sup> July 2019

#### **Details of Activity:**

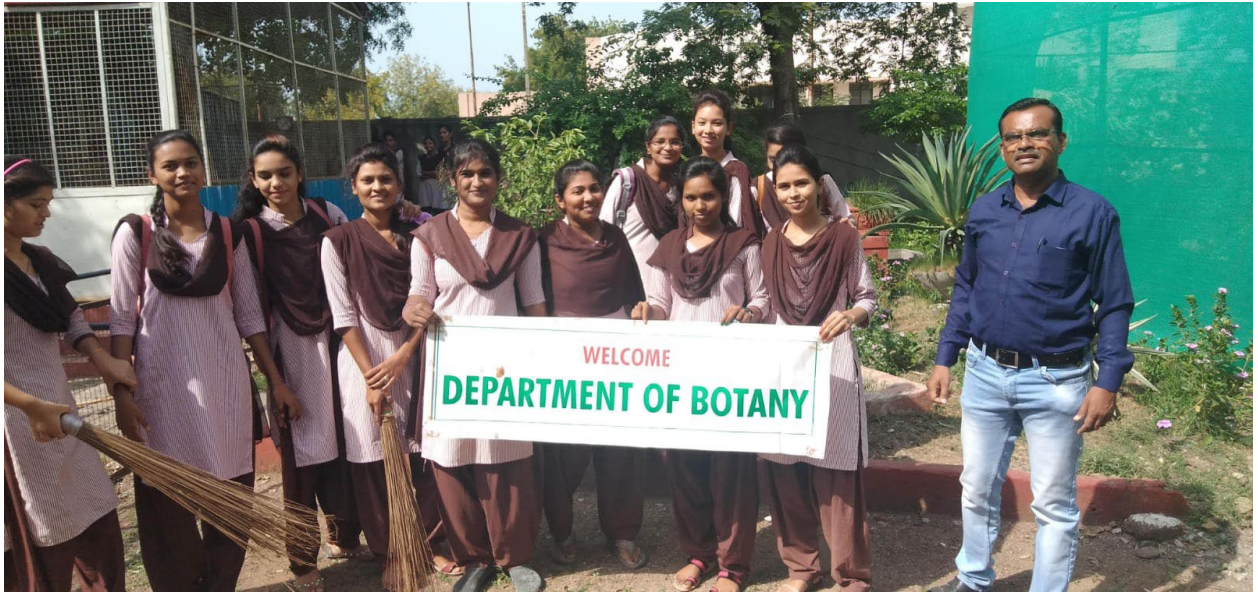
Swachh Bharat Abhiyan was engaged by Dr. S. B. Thorat in college campus. to maintain aesthetic and healthy environment in the surrounding. The students from the B. Sc. I, II and III years were participated in the program. A clean environment is a basic ideology in sustainable development. A whole lot 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 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

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
1)	Kajal Atunao Kale	Kajal
2)	Suvarna Sawale	Suvarna
3)	Hemant Ravindra Gaud	Hemant
4)	Saurabh R. Martokar	S.R. Martokar
5)	Palya Shrawardas Ingole	P.S. Ingole
6)	Monika Narayan	Monika
7)	K. Shrikrushana Raut	K. Shrikrushana Raut
8)	Kajal N. Kale	Kajal
9)	Shivani Deshmukh	Shivani
10)	Samiksha Sene	Samiksha
11)	Vaishali V. Grajbhiye	V. Grajbhiye
12)	Dhanshree G. Kanna	D. Kanna
13)	Sweta L. Raut	Sweta
14)	Tarupti Sharad Ingole	T.S. Ingole
15)	Yrushi H. Patil	R.H. Patil
16)	Zubiga anam Shek	Zubiga
17)	Aijune Parveen	Aijune
18)	Roheeta Shek.	Roheeta

19)	Mohammed Danish	<del>Dani</del>
20)	Vaishnavi S. Dhame	Vaishnavi
21)	Suchiter <del>S.K.</del> Tumsare	Tumsare
22)	Namrata Pramod Tumsar	Namrata
23)	Radha J. Sapant	Radha
24)	Namrata . R. Vaidya	<del>Namrata</del>
25)	P. R. Bhakare	<del>P.R.</del>
26)	Puja Gowtam Raut	Puja R.
27)	Leena D. Durutkar	<del>L.D.</del>
28)	Devakshha N.G. Ahmadi.	<del>Dev</del>
29)	Shantany Vinodrao Deshmukh.	S.V. Deshmukh
30)	Twinkal Dattar	Dattar

*S.V. Deshmukh*

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

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- |                                  |   |  |
|----------------------------------|---|--|
| 1. Name of Organizing Department | : | <b>Department of Botany</b>                                    |
| 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 Alovera 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 Asparagaceae. 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*, *Emblca 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 Botany  
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 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 : 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.

Department of Zoology has taken this initiatives touse 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. Dr. A. J. Gour, makes students and devotee aware 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 eco-friendly 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. J. K. and N. K. D. College  
Badnera, Amravati.





## 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 : 29<sup>th</sup> 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 Name	Market Price (in Ru.)
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	Topi	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



**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.III (Sem-V)  
 ATTENDANCE SHEET

Date: - 29/08/2018

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

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

No. of Students- 23

  
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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

S.No	Name of Students	Signature
1	Vaishnavi S. Dhane	VSDhane
2	Radha j.Sonone	Rsonone
3	Pooja R.Bhakare	Rhakare
4	Pooja S.Pokale	
5	Namrata P.Tumsare	NPTumsare
6	Shivani D.Kanse	SKanse
7	Punam D.Kanode	PKanode
8	Shiba Anjum J.Shekh	Shiba Anjum
9	Diksha A.Mohod	Diksha A.Mohod
10	Shivani S.Tambade	Shivani S.Tambade
11	Aslesha V.Jadhav	Aslesha V.Jadhav
12	Pragati D.Wankhade	
13	Radha N.Ingale	Radha Ingale
14	Shrutika P.Bhad	
15	Tanuja D.Prusty	T.D.Prusty
16	Lochan D.Khander	
17	Tejaswini D.Londe	TLonde
18	Pratiksha R.Lande	
19	Ashwini V.Balinge	AVBalinge
20	Suchita P.Tumsare	S.P.Tumsare

21	Namrata R.Vaidya	
22	Dhanshri M.Borse	DMBorse
23	Kavita A.Parasankar	
24	Twinkal Y.Datir	
25	Priya A.Tatare	
26	Dipali L.Darekar	Dipali L
27	Pallavi R.Sonone	
28	Sayali V.Dhawas	
29	Prajakta S.Yeotkar	
30	Komal R.Bisne	
31	Gayatri M.Pawar	GPawar
32	Payal V.Gawande	Payal V
33	Puja G.Raut	unrecd
34	Diksha M.Dhankad	
35	Amit S.Gondane	
36	Supriya.S.Ingale	
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  
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 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	
3	Roshan Rajendra Bansod	
4	Monika Narayan Nimbate	
5	Kajal Arunrao Kale	
6	Priya Ishwardas Ingole	
7	Ankita Rajendra Bhawekar	
8	Suvarna Dadarao Sawale	
9	Samiksha Diliprao Sune	
10	Neha Vinod Rotode	
11	Sakshi Meghsyam Hambarde	
12	Komal Surendra Meshram	
13	Vaibhav Nitin Gajbhiye	
14	Aswini Santosh Uke	
15	Ifratzeel Mohammad Mulla	
16	Nisha Nileshrao Meshram	
17	Divyalaxmi Vitthalrao Mawande	
18	Ritul Kisanrao Barbudhe	
19	Saurabh Ravindra Marodkar	
20	Darakhshanaajim Abdulsyeed Shekh	
21	Pratik Arun Dhore	
22	Zubiyaafrin Arshad Khan	
23	Vaishnavi Dipakrao Dhore	
24	Vaishali Vinayakrao Gajbhiye	
25	Zubiyaanum Zaheeruddin Shekh	
26	Anjumparveen Ayyub Khan	
27	Dhanshri Ganeshlal Kanna	
28	Palak Sandip Pathak	
29	Pallavi Vitthalrao Giri	
30	Hemant Ravindra Garud	
31	Gauri Gajanan Dhoke	
32	Divya Dilip Olokar	
33	Manisha Shrikushna Kale	
34	Shaikh Alim Huassin Patel	

35	Mahewawash Afroz M.Nadeem Mohammad	
36	Samyak Vijay Khandare	
37	Rohana Iffat Mohd Z.Shekh	
38	Vijeta Diliprao Shevatkar	
39	Ashfiya Anam Mukttar A. Sheikh	
40	Shaikh Rehan Shaikh Ameer Shaikh	
41	Akshay Madan Chaudhari	
42	Komal Shrikrushna Raut	
43	Kajal Naresh Kale	
44	Kalyani Chandrakant Ladake	
45	Aniket Vijay Shelokar	
46	Umana Nasimudin Sheikh	
47	Neha Rameshwar Chavan	
48	Sanjivani Vikash Chavhan	
49	Sweta Liladhar Raut	
50	Aafreen Kausar A.Khan	
51	Trupti Sharad Ingole	
52	Vrushali Haridas Padar	
53	Rohan Kishor Yadav	
54	Mrunal Suresh Chawre	
55	Shivani Pradip Deshmukh	
56	Shashank Vilasrao Nichat	
57	Yash Dilip Petle	
58	Poonam Supa Paturkar	
59	Pranjali Ajay Raut	
60	Mohd.Awais SalimMohd	
61	Ishika Hiranam Rokade	
62	Ashmira Talat R.Mohammad	
63	Mushkananam Abdul Sheikh	
64	Gauri Avinash Gawande	

No. of students - 23

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

  
 DR. SANJAY B. THORAT  
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 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 : 7<sup>th</sup> August 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
- Nymphaea


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.



  
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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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R.D.I.K. and N.K.D. College  
Badnera, Amravati.



1. Name of Organizing Department : 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 : 20<sup>th</sup> September, 2018

#### **Details of Activity (In Brief)**

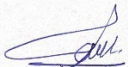
To make the Student aware about the adverse effect of Plaster of paris, chemical paint, thermo-coal and pollution caused due to festival celebration (Durga and Ganesha) department of Zoology in collaboration with Rotary club Amravati organized one day workshop on celebration of eco-friendly festival 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.



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

Department of Zoology

Session 2018-19

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

Date: - 20/09/2018

Attendance Sheet

Sr. No.	Name of Students	Signature
1)	Shaiikh mehar shaiikh Ameer shaiikh	<i>[Signature]</i>
2)	Nashmani Shankaran Ohane	<i>[Signature]</i>
3)	Dipali Gajanan Pampalkar	<i>[Signature]</i>
4)	Roni Arvind Gajbiye	<i>[Signature]</i>
5)	Radhika Jyotsna Sonane	<i>[Signature]</i>
6)	Pratik Suresh Pawar	<i>[Signature]</i>
7)	Rashan Rajendra Bungad	<i>[Signature]</i>
8)	Pranav Rajendra Bhaskar	<i>[Signature]</i>
9)	Mitali Nandkumar Gaware	<i>[Signature]</i>
10)	Manika Nandkumar Nandkumar	<i>[Signature]</i>
11)	Pratibha Shrikant Pokale	<i>[Signature]</i>
12)	Pranjali Anilraj Sawal	<i>[Signature]</i>
13)	Leela Himanshu Kale	<i>[Signature]</i>
14)	Namrata Pramod Humbar	<i>[Signature]</i>
15)	Shikha Rajendra Chavhan	<i>[Signature]</i>
16)	Sambhavanand Anandkumar Gajbiye	<i>[Signature]</i>
17)	Arpita Dadasa Sonale	<i>[Signature]</i>

12)	Komal Suresh Meshram	<i>[Signature]</i>
13)	Pranjali Dadasa Anandkumar Gajbiye	<i>[Signature]</i>
14)	Roni Kabiljibing Rajad	<i>[Signature]</i>
15)	Nashan Nitin Gajbiye	<i>[Signature]</i>
16)	Pratikha Pramod Bhad	<i>[Signature]</i>
20)	Shikhandi Kamalakar	<i>[Signature]</i>
17)	Dipalaxani Mawarale	<i>[Signature]</i>
18)	Pratikha Rajendra Lande	<i>[Signature]</i>
19)	Pratik Arun Chavhan	<i>[Signature]</i>
20)	Namrata Ravindra Vaidya	<i>[Signature]</i>
21)	Shikha Ujjwala Anandkumar	<i>[Signature]</i>
22)	Sakshi Dhanraj Khairkar	<i>[Signature]</i>
23)	Pranav Shikhandi Gharane	<i>[Signature]</i>
24)	Sriharsh Chaitanya Akhate	<i>[Signature]</i>
25)	Anand Pratikha Sonar	<i>[Signature]</i>
26)	Pratikha Rajendra Bhargava	<i>[Signature]</i>
27)	Arpita Vinod Gajbiye	<i>[Signature]</i>
28)	Swathi R. Bhargava	<i>[Signature]</i>
29)	Neha Vinod Gajbiye	<i>[Signature]</i>
30)	Pranjali Devkumar Bhaskar	<i>[Signature]</i>
31)	Sikha Manoj Bhaskar	<i>[Signature]</i>
32)	Swathi Pratikha Dode	<i>[Signature]</i>
33)	Swathi Dhanraj Bhaskar	<i>[Signature]</i>
34)	Arpita Rajendra Bhaskar	<i>[Signature]</i>

35)	Sapna Devdas Bhaskar	<i>[Signature]</i>
36)	Rashika Dilip Khatiwale	<i>[Signature]</i>
37)	Kumtil S. Surya Wankar	<i>[Signature]</i>
38)	Pranjali P. Chavhan	<i>[Signature]</i>
39)	Komal Anandkumar Bhaskar	<i>[Signature]</i>
40)	Pranjali Shetty	<i>[Signature]</i>
41)	Shikhandi Pramod Bhad	<i>[Signature]</i>
42)	Pranjali Dhanraj Bhaskar	<i>[Signature]</i>
43)	Pratikha Kamal Meshram	<i>[Signature]</i>
44)	Nishant Ramon	<i>[Signature]</i>
45)	Leela D. Khairkar	<i>[Signature]</i>
46)	Pranjali Lande	<i>[Signature]</i>
47)	Arpit Gaware	<i>[Signature]</i>
48)	Pratikha Lande	<i>[Signature]</i>
49)	Ashwini Chavhan	<i>[Signature]</i>
50)	Swathi P. Tumbar	<i>[Signature]</i>
51)	Namrata Ravindra	<i>[Signature]</i>
52)	D. M. Borse	<i>[Signature]</i>
53)	Kavita N. Patil	<i>[Signature]</i>
54)	Twinkle Dadasa	<i>[Signature]</i>
55)	Nishant Gaware	<i>[Signature]</i>
56)	Mahini Manika	<i>[Signature]</i>
57)	V.S. Bhargava	<i>[Signature]</i>
58)	P. J. Patil	<i>[Signature]</i>


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 : 12<sup>th</sup> 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.J.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 Goddess during  
, Navaratri

Date: 20/9/2018

**Attendance Sheet**

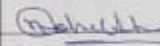

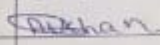
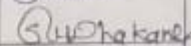



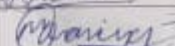

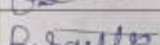

Sr. No.	Name of Students	Signature
1)	Rahul Sanjayrao Pokale	Rahul
2)	Nisha Niteshrao Meshram	Nisha
3)	Palak Sandip Pathak	Palak
4)	Kajal Arunrao Kale	Kale
5)	Samyak Vijay Khundare	Khundare
6)	Priya Ishwara Ingole	Priya
7)	Amkita Bhawikar	Amkita
8)	Swarna Dadasrao Sawale	Swarna
9)	Samiksha Diliprao Sune	Sune
10)	Neha Vinod Rotode	Neha
11)	Sakshi Meghrajam Hambare	Sakshi
12)	Komal Surendra Meshram	Meshram
13)	Vaibav Nilin Gajbhaye	Vaibav
14)	Ashwini Santosh Ake	Ashwini
15)	Nisha Niteshrao Meshram	Meshram
17)	Divyaxmi Vitthalrao Mawande	Divyaxmi
18)	Ritul Kisanrao Sarobudhe	Ritul
19)	Rohana Iffat Mohd Sameer Sheikh	Rohana
20)	Vijeta Diliprao Shewarkar	Vijeta
21)	Ashwini Anam Mankhar Shamant Shikh	Anam

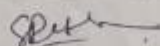
  
**Signature of Incharge Teacher**  
**Dr. A. J. Gour**

**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 parveen Shkil Ahmad shekh	
2.	Sumayya parveen shekh	
3.	Naziya Khanam Khan	
4)	shivani dhokane	S.V.Dhokane
5)	Sakshi Lek	SRLek
6)	shivani ukada Dhokane.	
7	S. P Dhale	
8)	parva waghmare	
9)	payal s. Sawale	payal
10)	Ayasha Khanam Khan.	
11)	Mariya Nikhat	
12)	Amruta Khatari	
13)	payal S. Sawale.	
14)	Renuka Nandkumar jayswal	Renuka
15)	Karman Amrut Keshiwani	Karman
16)	payal Sunil sawale	payal
17)	Mohammad AlFaiz Mohd. Atik Ahmad	Alfaiz
18)	Renuka Nandkumar Jayswal.	Renuka
19)	Ayasha Khanam Jameel Khan	Ayasha
20)	Akshay Darekar	

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