



**Waghire College of Arts Commerce and Science,
Saswad, Tal-Purandar, Dist-Pune**

7.1.2: The Institution has facilities and initiatives for green campus initiatives

Green Campus Initiative (2021-22)

Restricted entry of automobiles: The College motivates students, technical staff and teaching staff to use public transport over private automobiles. All the facility and help is provided by a college for the same. e.g. Bonafede certificates is given to the students for a monthly pass of State transport and PMT.

Use of Bicycles/Battery powered vehicles: Students from local areas use bicycles for the transportation, while some of the technical and teaching staff members used Battery powered vehicles on regular basis.

Pedestrian friendly pathways: College constructed Pedestrian friendly pathways in college campus, where both sides of pathways are lined by plants.



Pedestrian friendly pathway at entry gate

Ban on use of plastic: In college, plastic use is banned and the initiative taken by a college in which, plastic waste from college and outside of college is collected from students in a college and then given it to the recycling unit.



Poster on building wall to motivates students and staff members

Landscaping with trees and plants: The college campus is full of greenery. There is a plantation of local flora along with some ornamental plants. Also, there is a green wall developed by students.



Green wall in College Building



Green campus initiatives





Landscaping, plantation and Green campus



Landscaping, plantation and Green campus



Campus with Trees



Green wall in College Building

We have approximately 20 feet green wall
Plastic free zone
Tree plantation
Collection of plastic
Green campus

College volunteers participate in Guinness World Record Initiative (June 23, 2019)

The Guinness World Record was set in the presence of Hon. Chief Minister Devendra Fadnis by presenting 16,731 neem seedlings to students at Savitribai Phule Pune University, Pune, on the university premises, and it was the first of its type in India this year. Chief Minister Devendra Fadnis inaugurated the grand resolution. Dr. Nitin Karmalkar, Vice Chancellor of Pune University, Pro-Vice Chancellor Dr. N. S. Umrani, Rajesh Pandey, President of the University's Management Council, and Dr. Prafulla Pawar, Deputy Registrar of the University, were also present. This campaign involved 137 student volunteers from P.D.E.A's Waghere College's N.S.S. and N.C.C Departments. Dr. Nitin Ghorpade, the college's principal, was there, as were Dr. Kishor Lipare, the N.S.S Programme Officer, Dr. Sandeep Rathod, Dr. Vidya Patankar, Prof. Snehal Solunkure, Prof. Dnyaneshwar Jagdale, Siddharth Ghongade, and others.



Tree plantation on 27/06/2019

Savitribai Phule Pune University and Saswad Municipality jointly planted trees at *Palkhital* to welcome Palkhi under 'Swachh Wari-Swastha Wari-Nirmal Wari-Harit Wari' programme. CEO of Saswad Municipal Corporation, Mr. Vinod Jhalak, Shri Manohar Jagtap, Shri Vijay Wadhane, Health Officer Mr. Mohan Chavan College Principal Dr. Nitin Ghorpade were present on this occasion. On this occasion, 775 volunteers from Waghire College and nine colleges in the area planted 1000 neem trees at Palkhi Tal, Water Tank, Wagh Dongar, Acharya Atre Hall, Sopankaka Udyan (Nana Nani Park), Government Hospital, Provincial Office, Market Yard, Taradatta East-West, Cemetery Road and Waghire College Campus.



Green initiatives during Wari (30th June 2019)

Swachh Wari, Swastha Wari, Nirmal Wari, and Harit Wari were held on June 30th, 2019. Dr. Nitin Karmalkar, Vice Chancellor of Savitribai Phule Pune University, was invited to this function. He inaugurated the Compost Composting Project and the Vermi Composting Project by gathering the leaves distributed in Wari and used for meals. On this occasion, Rajesh Pandey, President of the University's Management Council, Principal Dr. Sanjay Chakne,

Director of N.S.S Prabhakar Desai, Dr. Navnath Tupe, Dr. Sadanand Bhosale, and Dr. Mahesh Abale, Principal of the College. Dr. Nitin Ghorpade was also present for the occasion. Vice Chancellor Dr. Nitin Karmalkar applauded the initiative. Every year, Palkhi faces a massive garbage problem. He stated that the institution has provided a good solution to this problem and that the project is excellent.



Tree Plantation Infront of Botanical Garden (30th June 2019)



Compost Pit Inauguration (30th June 2019)

Drawing Competition on “Wetland Habitat and its Biodiversity”

Date – 30/01/2020

P. D. E. A's
Waghire College, Saswad.
Tal – Purandar, Dist – Pune.

Student Notice

All the students hereby informed that, our college is celebrating International Wetland Day on 2nd February 2020. For the celebration, college is organizing Painting Competition, where interested students can participate for painting competition on theme “Wetland Habitat and its Biodiversity”. The participants have to arrange requirements for the painting (e.g. Painting Paper, Colors, Pencil etc.) by their own. College will not provide the material for the painting. All the participants will get the certificate for participation. Those students who are interested to participate for the same will be present on 2nd February 2020 in front of Library at 09.00 AM.



Principals
PRINCIPAL
Waghire College, Saswad
Tal, Purandar, Dist. Pune.

P. D. E. A.'s

Waghire College, Saswad.

Tal - Purandar, Dist - Pune.

Report of Celebration of International Wetland Day on 2nd February, 2020.

On the occasion of International Wetland Day on 2nd February, 2020, Biodiversity Club in collaboration with Student Development Board has organized Painting Competition on theme "Wetland and Biodiversity". Students were excited for the competition and 55 students were participated in the competition. Students have submitted their paintings of Wetland, Birds and scenery related to theme.

Wetland Habitat is important because of improve water quality, provide wildlife habitat, maintain ecosystem productivity, reduce coastal storm damage, provide recreational opportunities, and improve the water supply. As well as it provide opportunities for education. Along the 7,500 km coast line of India, there are 115 wetlands in India having a great diversity of wetland habitats with lagoons, estuaries, mangrove swamps and coral reefs. Nearly 7000 plant species live in U.S. wetlands, many of which can only survive in these wet environments. Ecological, cultural, and historic resources run abundant in our nation's wetlands, and provide countless opportunities for environmental education and public awareness programs.



Painting competition on International Wetland Day
2nd Feb 2020



Participated Particepents in Penting Competition on International Wetland day on 2nd Feb. 2020.



Participated Particepents in Penting Competition on International Wetland day on 2nd Feb. 2020.



Participants with their paintings on 2nd Feb 2020.
on the occasion of "International wetland day"





P. D. E. A's
Waghire College, Saswad.
Tal - Purandar, Dist - Pune.

Painting Competition organized on
International Wetland Day on 2nd February 2020.

Sr. No.	Name of the student	Class	Signature
1.	Lawar Arpita Mohan	S.Y. Bsc	
2.	Girme Mrunal Pramod	S.Y. BSc	
3.	Dalvi Supriya Malhari	SY BCS	
4.	Yadav Tejasvi Suresh	SY B.C.S.	
5.	Borkar Asmita Ashak	SY.B.Sc	
6.	Gautam Nilish Mahadev	SY B.C.	
7.	Bharkar Tanvi Sudam	S.Y.B.Sc.	
8.	Jagtap Rutuja Sanjay	S.Y.B.Sc.	
9.	Jagtap Pranita Dattatray	F.Y.B.Sc.	
10.	Kapare Pragati Ravindra	F.Y.B.Sc	
11.	Tathavalkar Trupti Rajiv	F.Y.B.Sc	
12.	Bathe Vishakha Sumir	F.Y.B.Sc.	
13.	Badalke Anvish Bhaloo	F.Y.B.Sc	
14.	Kuchekar Rohit Suresh	F.Y.B.Sc.	
15.	Puygude Rutuja Dilip	S.Y.B.A	
16.	Shinde Karayani Raju	S.Y.B.A	
17.	Kolave Shubhangi Ashak	S.Y.B.A	
18.	Zende Snehal Narayan	S.Y.B.A	
19.	Chaikwad Nisha Rohit	S.Y.B.A	
20.	Dighe Sushmita Laxman	S.Y.B.A	
21.	Kurhankar Rohini Sanjay	S.Y.B.A	
22.	Amhote Pratiksha Sagar	S.Y.B.A	
23.	Kamthe Sujata Dattatray	S.Y.B.A	
24.	Jagtap Rutuja Pradip	S.Y.B.A	
25.	Rokade Shubham Tarachomal	S.Y.B.A	
26.	Zurange Rushikesh Anil	S.Y.B.A	
27.	Jagtap Yogita Bhimrao	F.Y.B.Sc	
28.	zende shubham vilas	S.Y.B.A	
29.	Mulani Sabal Sitkanandar	S.Y.B.A	
30.	Jagtap Purvarani Pravin	S.Y.B.A.	

P. D. E. A's
Waghire College, Saswad.
Tal - Purandar, Dist - Pune.

Painting Competition organized on
International Wetland Day on 2nd February 2020.

Sr. No.	Name of the student	Class	Signature
1	Torave Vijay Babun	T.Y.B.A. (Geo)	
2	Choudhary Ganesh Ramdas	T.Y.B.A. (Geo)	
3)	Dhargate Ajay Narayan	T.Y.B.A. (Geo)	
4)	Dargave Ravi Bharat	T.Y.B.A.	
5)	Bhargate Santoshi Dattatray	T.Y.B.A. (Geo)	G.D. Bhargate
6)	Raut Pooja Shalab	T.Y.B.A. (Geo)	Pooja
7)	limbhore Dhanashi Kakasa	T.Y.B.A. (Geo)	Dhanashi
8)	Yadav Apetsha Sunil	T.Y.B.A. (Geo)	A. S. Yadav
9)	Wase Prashant Nitin	S.Y.B.A.	P. N. Wase
10)	Salunke Kiran Dattatray	S.Y.B.Sc.	Kiran
11)	Khatark Akshay Anand	S.Y.B.Sc.	Akshay
12)	Siddhesh Karke	S.Y.B.Sc.	Siddhesh
13)	Akhtar Khan	S.Y.B.Sc.	Akhtar
14)	Parthe Tejas Bharat	S.Y.B.Sc.	Tejas
15)	Gutar Harshada Jitiram	S.Y.B.A.	Harshada
16)	Chavan Sagar	S.Y.B.A.	Sagar
17)	Jagtap Anushka Sunil	F.Y.B.Sc.	Anushka
18)	Baudarkar Saurobh Pandar	S.Y.B.Sc.	Saurobh
19)	Bumbhar Srujan Harishchander	S.Y.B.Sc.	Srujan
20)	Nanaware Priya Sanjay	F.Y.B.Sc.	Priya Nanaware
21)	Yadav Gayatri Dattatray	F.Y.B.Sc.	Gayatri
22)	Bhargale Murali Sanjay	F.Y.B.Sc.	Murali
23)	Gaikwad Komal D.	S.Y.B.Sc.	Komal
24)	Dhargate Chetan Galab	F.Y.B.Sc.	Chetan
25)	Dargave Kunal Ramrao	F.Y.B.Sc.	Kunal

P. D. E. A's
Waghire College, Saswad,
Tal - Purandar, Dist - Pune.
Painting Competition organized on
International Wetland Day on 2nd February, 2020

Sr. No.	Name of the student	Class	Signature
1	Tejashree Vijay Babbar	T.T.B.A. (Gen)	[Signature]
2	Chandhara Ganesh Bhandari	T.T.B.A. (Gen)	[Signature]
3	Shreyanshi Anand Bhandari	T.T.B.A. (Gen)	[Signature]
4	Dhruv Anand Bhandari	T.T.B.A. (Gen)	[Signature]
5	Shreyanshi Anand Bhandari	T.T.B.A. (Gen)	[Signature]
6	Kaustubh Shantanu	T.T.B.A. (Gen)	[Signature]
7	Limbhaw Dhanashri Kakasa	T.T.B.A. (Gen)	[Signature]
8	Yashraj Apaksha Sudi	T.T.B.A. (Gen)	[Signature]
9	Salunke Hiran Dhanashri	T.T.B.A. (Gen)	[Signature]
10	Shreyanshi Anand Bhandari	T.T.B.A. (Gen)	[Signature]
11	Siddhesh Prasad	T.T.B.A. (Gen)	[Signature]
12	Akshay Anand	T.T.B.A. (Gen)	[Signature]
13	Pratik Tejendra Bhandari	T.T.B.A. (Gen)	[Signature]
14	Yashraj Anand Bhandari	T.T.B.A. (Gen)	[Signature]
15	Chandhara Ganesh Bhandari	T.T.B.A. (Gen)	[Signature]
16	Tejashree Vijay Babbar	T.T.B.A. (Gen)	[Signature]
17	Chandhara Ganesh Bhandari	T.T.B.A. (Gen)	[Signature]
18	Shreyanshi Anand Bhandari	T.T.B.A. (Gen)	[Signature]
19	Dhruv Anand Bhandari	T.T.B.A. (Gen)	[Signature]
20	Shreyanshi Anand Bhandari	T.T.B.A. (Gen)	[Signature]
21	Yashraj Apaksha Sudi	T.T.B.A. (Gen)	[Signature]
22	Salunke Hiran Dhanashri	T.T.B.A. (Gen)	[Signature]
23	Shreyanshi Anand Bhandari	T.T.B.A. (Gen)	[Signature]
24	Siddhesh Prasad	T.T.B.A. (Gen)	[Signature]
25	Akshay Anand	T.T.B.A. (Gen)	[Signature]

[Signature]
Dr. V. V. Patankar
(Program In-charge)

[Signature]
Dr. S. S. Jagtap
(Co-ordinator, Biodiversity Club)

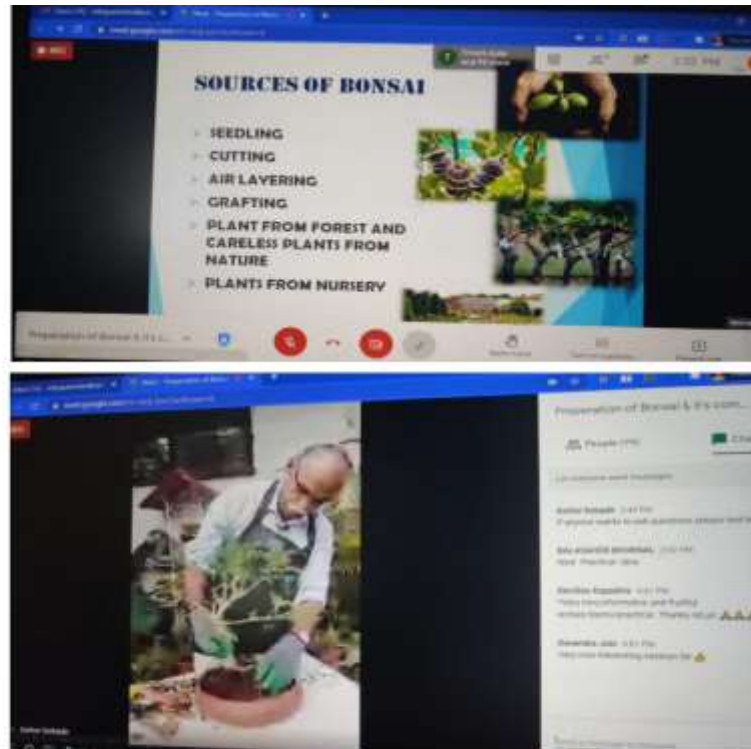
[Signature]
Dr. R. B. Dhakane
(Student Development Officer)

[Signature]
Dr. Sushama Bhosale
PRINCIPAL
Waghire College, Saswad
Tal. Purandar, Dist. Pune.



Online workshop on Preparation of Bonsai & it's commercial values (14-12-2020)

This workshop is divided into first session theory of bonsai where he explained about what is mean by bonsai? From where its is originated? Instruments, requirements and types of bonsai. In second session he covered practical online demonstration how to prepare bonsai and how to do repoting etc. It was very informative session around 273 students and teachers were participated from various institutes as well as our institution.



BONSAI PREPARATION AND IT'S COMMERCIAL IMPORTANCE
(14th December 2020, at 02:00 PM)

Feedback link: <https://forms.gle/mzCgKWexkrpAmLqk6>

You tube link of the event: https://youtu.be/HnOJs_xZ8pM

Celebration of World Environment Day by plantation

Total 52 students from arts, commerce, science, and vocational faculty planted a tree at their respected localities on the occasion of World Environment Day 5th June 2020. In this, students planted Medicinal plants, Flowering and Fruiting plants, Home Garden Plants, Ornamental Plants, and Wild plants.

Students planting trees at their localities



Sr. No.	Full name of the Student	Faculty	Mobile No.	Name of planted trees (खालीलपैकी कुठ)	Tree Plantation Location (Village/Taluka/District)
1	Shravani rajendra jagtap	Commarce	9960115725	Fruiting Plants (फळझाडे), Home Gard	Saswad
2	Date siddhi Jitendra	Commarce	9146206112	Flowering Plants (फुलझाडे)	Village
3	Walhekar Anuja Dattatray	Arts	8421682858	Fruiting Plants (फळझाडे), Flowering P	Kamthadi tal-bhor dist- pune
4	Khomane Pooja Dnyaneshw	Vocational	8623097857	Flowering Plants (फुलझाडे)	Nazare supe
5	Darekar Nikita Narendra	Commarce	8010508818	Flowering Plants (फुलझाडे)	Amble. Tal- purandhar Dist- Pune
6	Kale Aarti Baburav	Commarce	9588624860	Potted Ornamentals (कुंडीतील शोभिवंत	Saswad, tal- Purandar dist- Pune
7	Sonawane Sharvari Nitin	Arts	8530678483	Medicinal Plants (औषधी वनस्पती)	Saswad/Purandar/Pune
8	Kamthe Amruta Vijay	Commarce	8695099774	Flowering Plants (फुलझाडे)	Kumbharvan tal purandar Dist pune
9	Khedekar manasi dattatry	Commarce	8767779122	Fruiting Plants (फळझाडे)	Guroli
10	Anamika Bandu Pawar	Science	7219516703	Medicinal Plants (औषधी वनस्पती), Hor	Purandar
11	Sonawane Shalaka Nitin	Science	8530678483	Home Garden Plants (परसबागेतील वन	Saswad/Purandar/Pune
12	Kalbhori Pratiksha Eknath	Science	9923687082	Fruiting Plants (फळझाडे)	Askarwadi
13	Shravani jayram Yadav	Arts	9307352938	Flowering Plants (फुलझाडे)	V-harni T- purandar D-pune
14	CDT Shinde Soniya Ramesh	Science	8669603718	Medicinal Plants (औषधी वनस्पती), Frui	Jejuri tal-Purandar dist-Pune
15	Khedekar manasi dattatry	Commarce	8767779122	Fruiting Plants (फळझाडे)	Guroli
16	CDT	Science	8669603718	Medicinal Plants (औषधी वनस्पती), Frui	Jejuri tal-Purandar dist-Pune
17	Akanksha gorakhnath jadhav	Science	7972939295	Fruiting Plants (फळझाडे)	Guroli, purandar, pune
18	KAMTHE SRUSHTI DNYAN	Science	8856993141	Flowering Plants (फुलझाडे)	at post hivare tal purandar dist pune
19	Shravani jayram Yadav	Arts	9307352938	Flowering Plants (फुलझाडे)	V-harni. T- purandar D-pune
20	Jagtap Shradha Shankar	Commarce	7385646057	Medicinal Plants (औषधी वनस्पती)	Saswad, Tal Purandhar, Dist Pune
21	Sakshi bharat theurkar	Commarce	9623799928	Flowering Plants (फुलझाडे)	Dist. Pune tel. Punrdhar village.pimpri
22	Takawale Bhakti Pramod	Arts	9881984324	Fruiting Plants (फळझाडे)	Hargude purandhar pune
23	Sakshi Rajendra Jagtap.	Arts	7517481425	Fruiting Plants (फळझाडे)	At- Nilunj... Tal- Purandar... Dist- Pune
24	Takawale bhakti pramod	Arts	9881984324	Fruiting Plants (फळझाडे)	Hargude purandhar pune
25	Takawale Bhakti Pramod	Arts	9881984324	Fruiting Plants (फळझाडे)	Hargude purandhar pune
26	Priyanka Gajanan Madane	Arts	7888033401	Medicinal Plants (औषधी वनस्पती), Flow	Walhe
27	Zende shravani Rohidas	Commarce	7887350553	Fruiting Plants (फळझाडे)	Village:-Dive, Tal:-Puradhar, Dist:-Pune
28	pande sneha suresh	Commarce	9130941949	Medicinal Plants (औषधी वनस्पती)	At post Mavadi supe tal. Purandar dist pune
29	Dnyaneshwari prashant raut	Arts	9921049029	Medicinal Plants (औषधी वनस्पती)	Supe Purandar Pune
30	Jagtap Pratiksha Rajendra	Arts	9623432928	Flowering Plants (फुलझाडे)	At-post mandki.tel-purandhar Dist pune
31	Dnyaneshwari Prashant Rau	Arts	9921049029	Medicinal Plants (औषधी वनस्पती)	Supe. Purandar .Pune
32	Yadav tejashree vijay	Commarce	9359340709	Flowering Plants (फुलझाडे)	A/p Harni,tal: purandar, dist: pune
33	Dalvi janvi rajेश	Science	8767515503	Fruiting Plants (फळझाडे)	Village kodit Taluka Purandar dist pune
34	Bhandalkar ruchika Dnyanes	Commarce	8010104408	Medicinal Plants (औषधी वनस्पती), Flow	Pangare
35	Bhagat karishma Ananta	Commarce	7875457598	Home Garden Plants (परसबागेतील वन	Chivhewadi, Tal - purandar, dist- pune
36	Zende Saloni Arvind	Arts	7083085051	Medicinal Plants (औषधी वनस्पती)	Saswad/Purandar/Pune
37	Shravani balaso zende	Commarce	8308662421	Fruiting Plants (फळझाडे), Flowering P	Zendewadi
38	Srushti milind shinde	Arts	9689901094	Flowering Plants (फुलझाडे)	A.T.P.GARADE TAL.PUARANDHAR DIST. PU
39	Borkar siddhi dadaso	Arts	7276217344	Medicinal Plants (औषधी वनस्पती)	Village
40	Sutar vaishnavi Maruti	Commarce	9657526677	Flowering Plants (फुलझाडे)	At post mahur tel purandhar dist Pune
41	Ghare chaitrali gorakh	Science	8421966121	Flowering Plants (फुलझाडे)	Garade tal- purandar, dist- pune
42	Rajashree Rajendra Badadhe	Commarce	8521659268	Medicinal Plants (औषधी वनस्पती)	Kodit.purandhar.pune
43	Kale akanksha dattatray	Arts	9021761215	Flowering Plants (फुलझाडे)	Sonori purandhar pune
44	Sakshi dnyandev Pawar	Commarce	9420081656	Fruiting Plants (फळझाडे)	At- wagherwadi post-Walhe taluka-Purandar di
45	Shravani jayram Yadav	Arts	9307352938	Flowering Plants (फुलझाडे)	V-Harni T- purandar D-pune
46	Poland nikita jalindar	Arts	8767704961	Flowering Plants (फुलझाडे)	At - Pilanwadi tal - purandar dist- pune
47	Megha Rajendra ghate 11th :	Arts	8799844315	Medicinal Plants (औषधी वनस्पती)	Patharwadi bhivri purandhar pune
48	Modak sakshi kailas	Vocational	9763707317	Medicinal Plants (औषधी वनस्पती)	Wadki
49	Padalkar chhaya baban	Arts	9372077758	Flowering Plants (फुलझाडे)	Chambali purandar pune
50	Rajiwade Kamini Suresh	Vocational	9763026831	Fruiting Plants (फळझाडे)	Kodit / Purndhar / Pune
51	Rajiya Mustak Mulani	Arts	8605093507	Fruiting Plants (फळझाडे)	Jejuri , Tal - Purandar Dist - Pune .
52	Mulani Afroz Rafik	Science	9325323433	Flowering Plants (फुलझाडे)	At/Post Bhivdi, tal-purandar, dist-Pune

Shree

PRINCIPAL
Vijaya College, Saswad
Tal. Purandar, Dist. Pune.

Online workshop on Vermicomposting (2020-21)

The workshop on Vermicomposting during this academic year under the DBT STAR College Scheme by Zoology department. Prashant Borawake, An Environmentalist and Coordinator of Paani Panchayat, an NGO ran under the guidance of Gram Gaurav Pratisthan, Khalad. Through his live video and also presentation, he explained the importance and the need for Vermicomposting. The workshop was organized with an aim of educating and providing basic knowledge to the F.Y.B.Sc and S.Y.B.Sc Zoology students regarding vermicomposting, vermiculture and use of vermicompost. Due to excessive use of inorganic fertilisers and pesticides, the field soil loses its fertility as a consequence of death of soil organisms. It also causes production of poor- quality fruits and grains. Soil pollution is another environmental issue which arises due to extensive usage of inorganic fertilisers. Hence, Preventive and curative measures require to be taken for increasing the soil fertility. One such measure which is clean, sustainable and zero waste is vermicomposting. Since, majority of the students have agricultural background, by learning the basics of vermicomposting through the online workshop, they can in an own manner carry it out in their fields.



Lecture series on Biodiversity Conservation

The first online 3 days lecture series was organized under the DBT- STAR College Scheme from 6th October to 8th October 2020, to celebrate the Wildlife Week and to create awareness amongst students regarding the Wildlife. The three guest speakers invited for the First lecture series on the three respective days were 1. Prof. Dr. Sudhakar Murlidhar Kurhade, New Arts, Commerce and Science College, Shevgaon, Dist. Ahmednagar (Topic- “Avian diversity”; 64 participants); 2. Prof. Shrihari Ashok Pingale, Sangamner Mahanagarपालिका Arts, D.J. Malpani Commerce and B.N. Sarda Science college, Sangamner, Dist. Ahmednagar (Topic- “Wildlife Protection and Acts”; 80 participants) and 3. Prof. Dr. Vidhin Sunder Kamble, Sangola college,

Sangola, Dist. Solapur (Topic -“Biodiversity- Conservation and Laws”; 86 participants) respectively.



Ban on use of plastic: In college, plastic use is banned and the initiative taken by a college in which, plastic waste from college and outside of college is collected from students in a college and then given it to the recycling unit.



Celebration of World Environment Day by plantation (5/5/2021)

Total 52 students from arts, commerce, science, and vocational faculty planted a tree at their respected localities on the occasion of World Environment Day 5th June 2021. In this, students planted Medicinal plants, Flowering and Fruiting plants, Home Garden Plants, Ornamental Plants, and Wild plants.



Students planting trees at their localities

Use of Bicycle for green initiatives and ecofriendly environment also to reduce Carbon footprint 21/07/2021



Tree Plantation Program by staff at college on 20/07/2021





WORKSHOP ON “ALGAE CULTURE” (15/01/2021)

The Botany Department conducted a concise Algae Culture Workshop on January 15, 2021, involving 40 participants. Led by experts Dr. Vinayakk Lokhande and farmer Iyappan S, the workshop combined theory and hands-on demonstrations. Participants gained insights into algae biology, cultivation techniques, and practical applications. The success of the workshop was attributed to expert guidance and active participant involvement. Special emphasis was placed on Azolla culture for biofertilizer production.



Workshop on preparation of Bonsai (06th October 2021)

An enthusiastic group of people from a variety of backgrounds attended the well-received bonsai preparation workshop that took place on 06th October 2021 at Waghire College of Arts,

Commerce & Science, ready to learn more about the craft of bonsai cultivation. The objective of the workshop was to impart theoretical knowledge and practical expertise in the art of making and caring for bonsai trees. This workshop was carried out by Ms. Shailaja Kapila. Total 30 students were participated in this workshop from class F.Y, S.Y, T.Y & M.Sc. Botany. The Bonsai Preparation Workshop proved to be a successful endeavor, providing participants with the knowledge and skills needed to embark on their bonsai journey.



One day workshop on Apiculture (22/1/2022)

A one-day workshop on Apiculture and its practical applications was held on January 22, 2022. The workshop was conducted by Shri Prashant Gawade and Shri. Sachin Kshirsagar from the Krishi Vigyan Kendra, Malegaon Khurd, Baramati. During the workshop, the students were taught the fundamentals of Apiculture, including its history, the ecological and economic significance of honeybees, the equipment used in Apiculture, and the proper handling of honeybees. Additionally, the students were instructed on the extraction processes for honey, beeswax, propolis, pollens, royal jelly, and bee venom. A total of 65 students derived benefits from attending this programme.





TWO DAY'S WORKSHOP ON HORTICULTURAL TECHNIQUES (15th &16thApril 2022)

Mr. Anand Darveshi from Krushi Vigyan Kendra, Baramati, conducted a horticultural skills course, focusing on practical knowledge and real-world experience in plant cultivation. The workshop covered a range of horticultural practices, from basic to advanced, with an emphasis on sustainability. Participants, including fifty registered individuals, appreciated Mr. Anand Darveshi's guidance on horticultural methods, career prospects, and the benefits and challenges of agriculture in controlled environments. The workshop received positive feedback, particularly for its practical demonstrations and hands-on activities.



Hands on workshop on the handling of honey bees (2/2/2022)

A one-day practical workshop on the handling of honey bees was organised on February 2nd, 2022, specifically for the teaching and non-teaching personnel of the Zoology department, as well as students and nearby farmers. A total of 73 participants, including 11 farmers, 62 students, and four faculty members, got practical training on various aspects of beekeeping. This included instruction on how to handle bees, establish beehives, set up an apiary, identify the flora and plants surrounding the apiary that serves as a food source for the bees, and understand the benefits of maintaining an apiary. The Zoology department acquired 9 bee boxes under the DBT Star College programme during the 2020-2021 academic year. These boxes were placed in the college botanical garden with the purpose of creating an Apiary.





The Department of Zoology had organized hands on training on Honey extraction from the bee boxes set up in the College Botanical Garden on Sunday, 13th March, 2022 for the Zoology Department staff. This workshop was conducted by Mr. Alpesh Wagh and Mr. Sachin Kshirsagar from Krishi Vidhnyan Kendra, Malegaon Khurd, Baramati. Mr. Alpesh Wagh explained the exact process of how honey extraction while Mr. Sachin Kshirsagar carried out the practical process of honey extraction. Dr. B.U. Mane, Dr. B.S. Madbhavikar, Prof. S.A. Kokare and Mrs. R.S. Nevase received hands on training on Honey extraction along with 11 interested students.



The Virtual Animal Museum, one of its kinds in the whole of PDEA colleges was also prepared by the Zoology department by filming all the animal specimens and slides kept in the Zoology department by utilising the DBT-STAR College Scheme grant. The intention behind this activity was to make available the specimens virtually to the students in-case of damage or breakage of specimen bottles or specimen etc. Also, as per the Ministry of Environment, Govt. of India and Wildlife authorities, collection, killing and preservation of animals is banned as per the WPA, 1972, hence preserving the museum specimens virtually was another reason for carrying out the filming.

Plastic Collection Program (2022-23)



Training program on “MUSHROOM CULTIVATION” 16/07/2022

Dr. Suresh Naidu, an international consultant in Button Mushroom Technologies, conducted a one-day workshop, enlightening students on button mushroom cultivation techniques, business prospects, and nutritional values. The sessions covered various aspects, including substrate preparation, inoculation methods, and disease management. The workshop highlighted the commercial significance and career opportunities in mushroom cultivation. The interactive hands-on training provided detailed insights into cultivation practices. A total of 50 participants attended, expressing positive feedback and showing interest in pursuing mushroom cultivation as a business. The workshop successfully conveyed practical knowledge and business insights to the participants.



WORKSHOP ON ALGAE CULTURE (6/08/2022)

The Botany Department conducted a workshop on micro-algae culture on August 6, 2022, with the participation of 35 students. Dr. Manisha Sangale and Mr. Krishikesh Khadde delivered lectures, offering theoretical knowledge and hands-on experience in algae cultivation. The workshop covered essential aspects of algae biology, emphasizing ecological significance and applications. Practical sessions allowed participants to set up and manage algae cultures, promoting a deeper understanding. The interactive environment facilitated student engagement and interaction with experts, making the Algae Culture Workshop a valuable educational experience.



Tree plantation programs (2022-23)



Ground green tree fencing

WORKSHOP ON HORTICULTURAL TECHNIQUES (15thFebruary 2022)

In the horticultural techniques workshop, Dr. B.M. Shinde from Annasaheb Waghire College, Otur, guided students on practical aspects of plant cultivation. The focus was on sustainable methods applicable in diverse horticultural settings. Dr. Shinde provided insights from basic to advanced information in horticultural techniques, emphasizing career opportunities. The workshop attracted 50 participants who appreciated the hands-on activities and practical demonstrations, expressing satisfaction with the discussions on the benefits and challenges of controlled environment agriculture.



Training Program in Plant Tissue Culture (19/4/2022)

The Botany Department organized a one-day Plant Tissue Culture training program, covering basic to advanced techniques, including Agrobacterium-mediated transformation. Dr. Varsha Shriram, an expert from Ramkrishna More Mahavidyalaya, Akurdi, discussed the current scenario and job opportunities in plant tissue culture. The workshop had 50 student participants, hands-on training, and active involvement from all six Botany faculty members. It included theoretical sessions, hands-on experiments, and practical sessions on transformation and synthetic seed preparation conducted by students the following day.



Hands on training for Mame Bonsai preparation (06th July 2022)

At the well-received bonsai preparation session held on July 06, 2022, at Waghire College of Arts, Commerce & Science, a diverse collection of enthusiastic individuals eager to learn more about the art of bonsai care showed up. The workshop's goal was to transfer theoretical understanding and hands-on skill in the art of creating and maintaining bonsai trees. This workshop was carried out by Dr. Erach Bharucha. Total 30 students were participated in this workshop from class F. Y, S.Y, T.Y & M.Sc. Botany. The Bonsai Preparation Workshop was a great success, giving participants the information and abilities, they needed to start their bonsai journey.



Medicinal Plants Garden development (Amrut Vatika) 04/10/2023





Tree Plantation Program (2023-24)